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# The Patent Office Record

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# THE CANADIAN PATENT OFFICE RECORD

# LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle  
Commissioner of Patents

Johanne Bélisle  
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

## 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

# Avis

## 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), siège 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

## Avis

### 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)).

### 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. 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:

- |   |      |
|---|------|
| a) for each request   | N/A  |
| 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 |

### 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 :

- |  |       |
|--|-------|
| a) pour chaque demande   | S.O.  |
| 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 mégaoctets qui excède 7 mégaoctets, l'excédant étant arrondi au multiple supérieur        | 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.

### 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.

## 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. 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.

## 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 peut être 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. 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.

## 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. List of Patents Available for Licence or Sale

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

None

## 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 February 19, 2019

<b>1. Transmittal Fee (Rule 14)</b>	<b>\$300</b>
<b>2. International Filing Fee</b>	<b>\$1730*</b>
For each additional sheet over 30	<b>\$20</b>
<b>3. International Search Fee</b>	<b>\$1600</b>

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

## 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 19 février 2019

<b>1. Taxe de transmission (Règle 14)</b>	<b>300 \$</b>
<b>2. Taxe de dépôt internationale</b>	<b>1730 \$*</b>
Pour chaque feuille au delà de 30	<b>20 \$</b>
<b>3. Taxe de recherche internationale</b>	<b>1600 \$</b>

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

## Notices

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.

### 4. Late payment fee

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

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.

## Preliminary Examination

<b>5. Handling fee (Rule 57.2(a))</b>	<b>\$260</b>
<b>6. Preliminary examination fee (Rule 58)</b>	<b>\$800</b>

\* International fees will be reduced by:

- **\$260** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **\$390** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

### 4. Taxe pour paiement tardif

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

## Examen préliminaire

<b>5. Taxe de traitement (Règle 57.2a)</b>	<b>260 \$</b>
<b>6. Taxe d'examen préliminaire (Règle 58)</b>	<b>800 \$</b>

\* Les frais seront réduits de:

- **260 \$** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **390 \$** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

## 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)).

## 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

### 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.

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

## 13. 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.

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

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.

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).

## Notices

(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*.

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).

## 14. Correspondence Procedures

The correspondence procedures and the related practice for written communications to the Commissioner of Patents and the Patent Office under the Patent Act and the Patent Rules is outlined in Chapter 2 of the Manual of Patent Office Practice (MOPOP).

Web Link for MOPOP:

[http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/h\\_wr00720.html](http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/h_wr00720.html)

The correspondence procedures and the related practice of written communications with respect to Trademarks and to Industrial Design can be found in the Practice Notice entitled *Correspondence Procedures*, available on CIPO's website.

CIPO Web Link for correspondence procedures pertaining to Trademarks and Industrial Design:

<https://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/wr00633.html>

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## 14. Procédures de correspondance

Les procédures de correspondance et les pratiques connexes de communication écrite au commissaire aux brevets ou au Bureau des brevets en vertu de la Loi sur les brevets et des Règles sur les brevets seront exposées dans le chapitre 2 du Recueil des pratiques du Bureau des brevets (RPBB).

Lien Web pour le RPBB :

[http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/fra/h\\_wr00720.html](http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/fra/h_wr00720.html)

Les procédures de correspondance et les pratiques connexes de communication écrite concernant les marques de commerce et les dessins industriels se trouvent dans le document intitulé *Procédures de correspondance*, consultable sur le site Web de l'OPIC.

Lien Web de l'OPIC pour les procédures de correspondance relatives aux marques de commerce et aux dessins industriels :  
<https://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/fra/wr00633.html>

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This notice is intended to clarify the practice of the Canadian Intellectual Property Office with respect to correspondence procedures and written communications and replaces all previous notices.

### **1. Physical Delivery of Correspondence and Written Communications to CIPO**

For the purposes of sections 5 and 54 of the Patent Rules, subsection 10(1) of the Trademarks Regulations, section 2 of the Copyright Regulations, section 4 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 Trademarks, the Copyright Office, the Industrial Design Office, 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

In accordance with subsections 5(2), 5(3), 54(1) and 54(2) of the Patent Rules, subsection 10(2) of the Trademarks Regulations, subsections 2(2) and (3) of the Copyright Regulations, subsection 5(1) of the Industrial Design Regulations and subsections 3(2) and (3) of the Integrated Circuit Topography Regulations, correspondence and written communications delivered to the above address between 8:30 a.m. to 4:30 p.m. (Eastern Time) Monday to Friday is deemed to have been received on the actual date of their delivery if they are delivered when CIPO is open to the public.

Correspondence delivered at a time when CIPO is closed to the public will be deemed or considered to have been received on the day on which CIPO is next open to the public.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted

Le présent énoncé de pratique a pour but de préciser la pratique de l'Office de la propriété intellectuelle du Canada relativement aux procédures de correspondance et de communications écrites et remplace tout avis antérieur.

### **1. Remise physique de correspondance et communications écrites à l'OPIC**

Pour l'application des articles 5 et 54 des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 4 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, du Bureau des dessins industriels, 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

Conformément aux paragraphes 5(2), 5(3), 54(1) et 54(2) des Règles sur les brevets, du paragraphe 10(2) du Règlement sur les marques de commerce, des paragraphes 2(2) et (3) du Règlement sur le droit d'auteur, du paragraphe 5(1) du Règlement sur les dessins industriels et des paragraphes 3(2) et (3) du Règlement sur les topographies de circuits intégrés, la correspondance et les communications écrites ayant été remises à l'adresse ci-dessus entre 8h30 et 16h30 (Heure de l'Est) du lundi au vendredi seront réputées avoir été reçues le jour de leur remise, si elles sont remises alors que l'OPIC est ouvert au public.

La correspondance remise lorsque les bureaux de l'OPIC sont fermés au public sera réputée avoir été reçue le jour de la réouverture de l'OPIC au public.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, celle-ci ne peut pas être retournée à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet qui ne rencontre pas les exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront renvoyés à l'expéditeur.

Le formulaire de paiements des frais devrait toujours être

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to CIPO that contains financial information, such as credit card numbers.

Download the [Fee Payment Form](#).

fourni 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 paiement des frais](#).

### 1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 10(1) of the Trademarks Regulations, subsection 2(4) of the Copyright Regulations, section 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 Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be delivered **in person**. Please note that documents, payments and payment instructions delivered to the addresses listed below **must be enclosed in a sealed envelope** and that **no in person payment transactions** are processed on site. The ordinary business hours for each designated establishment are listed below.

- Innovation, Science and Economic Development Canada  
C.D. Howe Building  
235 Queen Street, Room S-143  
Ottawa ON K1A 0H5  
Tel.: 343-291-3436

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday,  
except statutory holidays

- Innovation, Science and Economic Development Canada  
Sun Life Building  
1155 Metcalfe Street, Room 950  
Montreal QC H3B 2V6  
Tel.: 514-496-1797  
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday,  
except statutory holidays

- Innovation, Science and Economic Development Canada  
151 Yonge Street, 4th Floor  
Toronto ON M5C 2W7  
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday,

### 1.1 Établissements désignés

Pour l'application des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et du paragraphe 3(4) 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, au Bureau des dessins industriels ou au registraire des topographies peut être remise **en personne** aux établissements ou bureaux désignés suivants. Veuillez prendre note que les documents, paiements et instructions de paiements remis aux adresses énumérées ci-dessous doivent être **inclus dans une enveloppe scellée et qu'aucune transaction de paiement en personne** n'est traitée sur place. Les heures normales d'ouverture pour chaque établissement désigné sont indiquées ci-dessous.

- Innovation, Sciences et Développement économique Canada  
Édifice C.D. Howe  
235, rue Queen, pièce S-143  
Ottawa (Ontario) K1A 0H5  
Tél. : 343-291-3436

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada  
Édifice Sun Life  
1155, rue Metcalfe, bureau 950  
Montréal (Québec) H3B 2V6  
Tél. : 514-496-1797  
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada  
151, rue Yonge, 4e étage  
Toronto (Ontario) M5C 2W7  
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi,

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except statutory holiday	l'exception des jours fériés
<ul style="list-style-type: none"><li>Innovation, Science and Economic Development Canada Canada Place 9700 Jasper Avenue, Suite 725 Edmonton AB T5J 4C3 Tel.: 780-495-4782 Toll-free: 1-800-461-2646</li></ul>	<ul style="list-style-type: none"><li>Innovation, Sciences et Développement économique Canada Canada Place 9700, avenue Jasper, pièce 725 Edmonton (Alberta) T5J 4C3 Tél. : 780-495-4782 Sans frais : 1-800-461-2646</li></ul>
8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays	8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés
<ul style="list-style-type: none"><li>Innovation, Science and Economic Development Canada Library Square 300 West Georgia Street, Suite 2000 Vancouver BC V6B 6E1 Tel.: 604-666-5000</li></ul>	<ul style="list-style-type: none"><li>Innovation, Sciences et Développement économique Canada Library Square 300, rue Georgia Ouest, pièce 2000 Vancouver (C.-B.) V6B 6E1 Tél. : 604-666-5000</li></ul>
8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays	8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

In accordance with subsections 5(4), 5(5), 54(3) and 54(4) of the Patent Rules, subsection 10(3) of the Trademarks Regulations, subsections 2(4) and (5) of the Copyright Regulations, subsection 5(2) of the Industrial Design Regulations and subsections 3(4) and (5) of the Integrated Circuit Topography Regulations, correspondence delivered to a designated establishment on a day when CIPO is open to the public will be deemed or considered to be received on the day on which they are delivered to that designated establishment. If CIPO is closed to the public, correspondence will be deemed or considered to be received on the day on which CIPO is next open to the public. For example, if correspondence intended for CIPO is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as CIPO is closed on that day (St-Jean-Baptiste Holiday in Quebec). It will be deemed received on the day on which CIPO is next open to the public.

Conformément aux paragraphes 5(4), 5(5), 54(3) et 54(4) des Règles sur les brevets, au paragraphe 10(3) du Règlement sur les marques de commerce, aux paragraphes 2(4) et (5) du Règlement sur le droit d'auteur, au paragraphe 5(2) du Règlement sur les dessins industriels et aux paragraphes 3(4) et (5) du Règlement sur les topographies de circuits intégrés, la correspondance remise à l'un des établissements désignés susmentionnés lorsque les bureaux de l'OPIC sont ouverts au public sera réputée ou considérée avoir été reçue le jour de leur remise à cet établissement désigné. Si les bureaux de l'OPIC sont fermés au public, la correspondance sera réputée ou considérée avoir été reçue à le jour de la réouverture de l'OPIC au public. Par exemple, la correspondance adressée à l'OPIC remise à l'établissement désigné de Toronto le 24 juin ne sera pas considérée avoir été reçue le 24 juin puisque les bureaux de l'OPIC sont fermés ce jour-là (la Saint-Jean Baptiste est un jour férié au Québec). La correspondance sera alors réputée avoir été reçue le jour de la réouverture des bureaux de l'OPIC au public.

## 1.2. Registered Mail™ and Xpresspost™ services of Canada Post

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 Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

## 1.2. Services Courrier recommandé<sup>MC</sup> et Xpresspost<sup>MC</sup> de Postes Canada

Pour l'application des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé<sup>MC</sup> et Xpresspost<sup>MC</sup> de Postes Canada sont des établissements ou des

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correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

## 2. Electronic Correspondence

For the purposes of section 8.1 of the Patent Act, subsection 64(1) of the Trademarks Act, subsection 24.1(1) of the Industrial Design Act and in accordance with subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 10(4) of the Trademarks Regulations, subsection 2(6) of the Copyright Regulations, subsection 10(3) 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 Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be sent by facsimile, online 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, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service 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 10(5) of the Trademarks Regulations specifies certain categories of correspondence to which the provisions of subsection 10(4) do not apply.

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

Correspondence delivered to the Commissioner of Patents 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

bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être remise.

L'OPIC considère que la correspondance remise par l'entremise des services Courrier recommandé<sup>MC</sup> et Xpresspost<sup>MC</sup> de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation de Postes Canada, en autant que l'OPIC soit ouvert au public ce jour-là. Si l'OPIC est fermé au public ce jour-là, la correspondance sera réputée ou considérée avoir été reçue le jour de réouverture de l'OPIC au public.

## 2. Correspondance électronique

Pour l'application de l'article 8.1 de la Loi sur les brevets, du paragraphe 64(1) de la Loi sur les marques de commerce, du paragraphe 24.1(1) de la Loi sur les dessins industriels, et conformément aux paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, au paragraphe 10(4) du Règlement sur les marques de commerce, au paragraphe 2(6) du Règlement sur le droit d'auteur, au paragraphe 10(3) du Règlement sur les dessins industriels et au 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, au Bureau des dessins industriels ou au registraire des topographies peut être transmise par télécopieur, en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent énoncé.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en 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 listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, 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 10(5) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 10(4) ne s'appliquent pas.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies constitue une version originale. Par conséquent, un duplicata sur support papier ne devrait pas être expédié.

La correspondance livrée au commissaire aux brevets et reçue par voie électronique, y compris par télécopieur, est considérée comme ayant été reçue à l'OPIC le jour même de sa transmission, si elle est livrée avant minuit, heure locale,

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open for business.

Correspondence delivered to the Registrar of Trademarks or the Industrial Design Office by electronic means of transmission, including facsimile, is deemed to have been received on the day on which CIPO receives it (Eastern Time).

### 2.1 Facsimile

Black and white facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be sent to the following facsimile numbers:

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

Colour facsimile correspondence addressed to the Registrar of Trademarks or the Industrial Design Office **must** be sent to the following facsimile number:

(819) 934-3833

Note that the model of facsimile is a Xerox C505/X and that this information may be needed to ensure a successful colour transmission.

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

Evidence submitted by facsimile in respect of an opposition or section 45 proceeding **will not be accepted** due to issues such as the often-poor quality of transmission, the risk of incomplete transmission and the voluminous nature of the documents.

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. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting by facsimile a document that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

lorsque les bureaux de l'OPIC sont ouverts au public. Si elle est transmise un jour où les bureaux de l'OPIC sont fermés au public, elle est considérée comme ayant été reçue à la date du jour d'ouverture suivant de l'OPIC.

La correspondance fournie au registraire des marques de commerce ou transmise au Bureau des dessins industriels par voie électronique, y compris par télécopieur, est réputée avoir été reçue le jour où l'OPIC l'a reçue (Heure de l'Est).

### 2.1 Correspondance par télécopieur

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

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

La correspondance en couleur par télécopieur (modèle : Xerox C505/X) adressée au registraire des marques de commerce ou au Bureau des dessins industriels doit être transmise au numéro ci-dessous :

(819) 934-3833

À noter que le modèle de télécopieur est un Xerox C505/X; information qui peut être nécessaire afin de compléter une transmission en couleur.

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements désignés, sera considérée comme n'ayant pas été reçue.

Les éléments de preuve présentés par télécopieur dans le cadre d'une procédure d'opposition ou de radiation en vertu de l'article 45 de la Loi **ne seront pas acceptés** en raison des inconvenients reliés à la mauvaise qualité de la transmission, au risque que la transmission soit incomplète et à la nature volumineuse de ces documents.

Le rapport de transmission électronique que vous recevrez après votre transmission par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'une interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Lors de la transmission par télécopieur d'un document comprenant une demande d'acquittement de droit ou taxe, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements des frais afin d'assurer un traitement rapide.

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### Patents

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

### 2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

### Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

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

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

Pursuant to PCT Rule 89bis, 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 and applications prepared using WIPO's ePCT online service. Filing in both cases 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](#).

### Trademarks

For the purpose of subsection 10(4) of the Trademarks Regulations, the following correspondence addressed to the Registrar of Trademarks may be sent electronically by

### 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.

### 2.2 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.

### Brevets

Pour l'application du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment en accédant aux pages suivantes :

- [déposer une demande](#) (demande régulière);
- [déposer une demande d'entrée dans la phase nationale](#);
- [déposer une demande internationale](#) (PCT Safe ou ePCT);
- [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 et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé [Dépôt en ligne de demandes 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

Pour l'application du paragraphe 10(4) du Règlement sur les marques de commerce, la correspondance adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment en accédant aux pages suivantes

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accessing the following pages:

- [filing a new or revised trademark application;](#)
- [renewal of a trademark registration;](#)
- [request to enter a name on the list of trademark agents;](#)
- [annual renewal of a trademark agent;](#)
- [requesting copies of trademark documents;](#)
- [registration of a trademark application;](#)

- [nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;](#)
- [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,](#)
- [l'enregistrement d'une marque de commerce](#)

For the purpose of subsection 10(4) of the Trademarks Regulations, correspondence addressed to the Registrar of Trademarks in the context of opposition and section 45 proceedings may be sent electronically by accessing the [Trademarks Opposition Board's online web application](#):

### *Opposition proceedings before the Trademarks Opposition Board*

- filing a statement of opposition;
- filing of a counter statement;
- submission of the opponent's evidence, or statement;
- submission of the applicant's evidence, or statement;
- submission of the opponent's reply evidence;
- submission of the opponent's written representations, or statement;
- submission of the applicant's written representations, or statement;
- filing a request for a hearing; and
- requesting an extension of time.

### *Section 45 proceedings before the Trademarks Opposition Board*

- filing a request for a section 45 notice;
- submission of the registered owner's evidence;
- submission of the requesting party's written representations, or statement;
- submission of the registered owner's written representations, or statement;
- filing a request for a hearing; and
- requesting an extension of time.

Pour l'application du paragraphe 10(4) du Règlement sur les marques de commerce, la correspondance adressée au registraire des marques de commerce dans le cadre des procédures d'opposition ou de radiation en vertu de l'article 45 peut être envoyée par voie électronique en accédant à l'[application web en ligne de la Commission des oppositions des marques de commerce](#).

### *Procédures d'opposition devant la Commission des oppositions des marques de commerce*

- production d'une déclaration d'opposition;
- Production d'une contre-déclaration d'opposition;
- Production de la preuve de l'opposant, ou d'une déclaration;
- Production de la preuve du requérant, ou d'une déclaration;
- Production de la contre-preuve de l'opposant;
- Production des arguments écrits de l'opposant, ou déclarations;
- Soumission des arguments écrits du requérant, ou déclarations;
- Produire une demande pour une audience; et
- demande de prolongation de délai.

### *Procédures en vertu de l'article 45 devant la Commission des oppositions des marques de commerce*

- Production d'une demande pour un avis en vertu de l'article 45;
- Production de la preuve du propriétaire inscrit;
- Production des arguments écrits de la demanderesse, ou déclaration;
- Production des arguments écrits du propriétaire inscrit, ou déclaration;
- Produire une demande pour une audience; et
- Demande de prolongation de délai.

## Copyright

## Droits d'auteur

## Notices

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- [application for registration of a copyright in a work](#);
- [application for registration of a copyright in a performer's performance, sound recording or a 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 copyright](#).

## Industrial Designs

For the purpose of subsection 24.1(1) of the Industrial Design Act, the following correspondence addressed to the Industrial Design Office may be sent electronically, by accessing the following 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, by accessing the following page:

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

## 2.3 Electronic medium

**Note :** all electronic media must be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

Pour l'application 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, notamment en accédant aux pages suivantes :

- [demande d'enregistrement d'un droit d'auteur sur une œuvre](#),
- [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

Pour l'application du paragraphe 24.1(1) de la Loi sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au Bureau des dessins industriels peut être transmise par voie électronique, notamment en accédant aux pages 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

Pour l'application 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, notamment en accédant aux pages suivantes :

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

## 2.3 Supports électroniques

**Note :** Les supports électroniques doivent être exempts de ver informatique, de virus, ou de tout autre contenu malveillant. Les fichiers qui comprennent du contenu malveillant seront supprimés.

## Brevets

## Avis

### 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.

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: 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:

- i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
- ii. 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.

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

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 dans les Règles sur les brevets resteront applicables.

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 : 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 discrédition du requérant :

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

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.

## Notices

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 labeling 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.

## Trademarks and Industrial Design

The Office of the Registrar of Trademarks and the Industrial Design Office will accept the following types of electronic media: CD-ROM, CD-R, DVD, DVD-R, and USB stick.

## 3. 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 site using the relevant links set out in [section 2.2](#) of these correspondence procedures 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 "Stelligent 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.

When applicable, the Patent Office will accept files in the

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 de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

### Marques de commerce et dessins industriels

Le Bureau du registraire des marques de commerce et le Bureau des dessins industriels acceptent les supports électroniques suivants : CD ROM, CD-R, DVD, DVD-R, et clé USB.

## 3. 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 en utilisant les liens spécifiés à [l'article 2.2](#) des présentes procédures de correspondance 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 « Stelligent 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.

TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" 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

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

## Avis

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.

ASCII

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

## Trademarks

For the purposes of subsection 64(1) of the Trademarks Act, the acceptable file formats for documents submitted electronically using the relevant links set out in [section 2.2](#) of these correspondence procedures are: PNG, TIFF, JPEG, GIF, MP3, MP4, PDF, BMP and Doc.

## Industrial Design

For the purposes of subsection 24.1(1) of the Industrial Design Act, the acceptable file formats for documents, other than a representation of a design, submitted electronically are WPD, DOC, DOCX and PDF. The acceptable file formats for the representation of a design are PDF, JPEG, TIFF and GIF. The file size limit is of 60MB for PDF, 10MB for the other file formats. The scanned/stored images should be of a resolution of at least 300 dpi and the dimensions must be of 21.59 cm by 27.94 cm (8.5 in by 11 in).

Note that the conversion of files to an acceptable format may result in a change to the quality of the drawings.

## Marques de commerce

Pour l'application du paragraphe 64(1) de la Loi sur les marques de commerce, les formats de fichiers acceptables pour les documents fournis par un moyen électronique énoncé à la [section 2.2](#) des présentes procédures de correspondance sont : PNG, TIFF, JPEG, GIF, MP3, MP4, PDF, BMP et Doc.

## Dessins industriels

Pour l'application du paragraphe 24.1(1) de la Loi sur les dessins industriels, les formats de fichiers acceptables pour les documents autres que la représentation d'un dessin, transmis par voie électronique sont : WPD, DOC, DOCX, PDF. Les formats de fichiers acceptables pour la représentation d'un dessin sont PDF, JPEG, TIFF, et GIF. La taille maximale est de 60MB pour le format PDF et de 10MB pour tout autre format. L'image numérisée/stockée devrait être dans une résolution d'au moins 300 dpi et les dimensions doivent être de 21,59 cm par 27,94 cm (8,5 po par 11po)

Veuillez noter que la conversion de fichiers vers un format acceptable pourrait résulter en un changement à la qualité des dessins.

## Notices

### 4. General Information

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

### 5. Time Period Extensions

- [Time period extensions under the Patent, Trademarks and Industrial Design Acts](#)
- [Time period extensions under the Copyright and Integrated Circuit Topography Acts](#)
- [Time period extensions under the Patent Cooperation Treaty](#)
- [Time period extensions under the Madrid Protocol and the Hague Agreement](#)

#### Time period extensions under the Patent, Trademarks and Industrial Design Acts

For the purposes of subsection 78(1) of the Patent Act, subsection 66(1) of the Trademarks Act, and subsection 21(1) of the Industrial Design Act, any time period fixed under those Acts and ending on 1) a **prescribed day** set out in the list below or 2) a **designated day** on account of unforeseen circumstances, will be extended to the next day that is not a prescribed day or a designated day and where CIPO is open to the public.

**Designated days** are those days that are designated by the Commissioner, the Registrar, or the Minister, on account of unforeseen circumstances and if they are satisfied that it is in the public interest to do so. If a day is designated, the public will be informed of that fact on CIPO's website.

**Prescribed days** under the Patent Act, Trademarks Act and Industrial Design Act are as follows:

- Every Saturday and Sunday;
- New Year's Day (January 1)\*;
- Good Friday;
- Easter Monday;
- Victoria Day: First Monday immediately preceding May 25;
- St. Jean Baptiste Day (June 24)\*;
- Canada Day (July 1)\*;
- The first Monday in August;\*\*\*
- Labour Day: First Monday in September;
- Thanksgiving Day: Second Monday in October;

### 4. Renseignements généraux

Des renseignements généraux peuvent être obtenus en communiquant avec [le Centre de services à la clientèle de l'OPIC](#).

### 5. Prorogation des délais

- [Prorogation des délais en vertu des les Lois sur les brevets, les marques de commerce, et les dessins industriels](#)
- [Prorogation des délais en vertu des les Lois sur le droit d'auteur et les topographies de circuits intégrés](#)
- [Prorogation des délais en vertu du le Traité de coopération en matière de brevets](#)
- [Prorogation des délais en vertu du Protocole de Madrid et de l'Arrangement de La Haye](#)

#### Prorogation des délais prévus par les Lois sur les brevets, les marques de commerce, et les dessins industriels

Pour l'application du paragraphe 78(1) de la Loi sur les brevets, du paragraphe 66(1) de la Loi sur les marques de commerce, et du paragraphe 21(1) de la Loi sur les dessins industriels, tout délai fixé sous le régime de ces lois et qui expire 1) un **jour prescrit ou règlementaire** tel qu'indiqué dans la liste ci-dessous, ou 2) un **jour désigné** en raison de circonstances imprévues, sera prorogé jusqu'au jour suivant qui n'est ni un jour prescrit ni un jour désigné et où l'OPIC est ouvert au public.

Les **jours désignés** sont les jours désignés par le commissaire, le registraire, ou le ministre, où, en raison de circonstances imprévues, s'il est dans l'intérêt public de le faire. Si un jour est désigné, le public en sera informé sur le site web de l'OPIC.

Les **jours prescrits ou règlementaires** en vertu de la Loi sur les brevets, de la Loi sur les marques de commerce et de la Loi sur les dessins industriels sont les suivants :

- Tous les samedis et dimanches;
- Nouvel An (1<sup>er</sup> janvier)\*;
- Vendredi Saint;
- Lundi de Pâques;
- Fête de la Reine ou Journée nationale des patriotes : Premier lundi immédiatement avant le 25 mai;
- Saint-Jean-Baptiste (24 juin)\*;
- Fête du Canada (1<sup>er</sup> juillet)\*;
- Le premier lundi du mois d'août\*\*\*;
- Fête du travail : Premier lundi du mois de septembre;

## Avis

- Remembrance Day (November 11)\*;
- Christmas Day (December 25)\*\*;
- Boxing Day (December 26)\*\* ;
- Any day on which CIPO is closed to the public for all or part of that day during ordinary business hours.

\*In the case of New Year's Day, St. Jean Baptiste Day, Canada Day and Remembrance Day, if the day falls on a Saturday or Sunday, deadlines will be extended to the following Tuesday.

\*\*If December 25 falls on a Friday, deadlines will be extended to the following Tuesday. If December 25 falls on a Saturday or Sunday, any time periods ending on December 25 or December 26 will be extended to the following Wednesday.

\*\*\*Please note that the Office is open to the public on the first Monday in August. Any time period which expires on that day will be extended to the next day the Office is open to the public (first Tuesday in August). However, any correspondence or fees submitted to the Office on that day will be deemed or considered received on that day.

Extensions for prescribed days occur regardless of place of residence or of the establishment to which documents are delivered.

Please be aware that not all provincial and territorial holidays are days where deadlines are extended. It is recommended that clients be mindful and ensure that all deadlines are respected.

- Action de Grâce : Deuxième lundi du mois d'octobre;
- Jour du Souvenir (11 novembre)\*;
- Jour de Noël (25 décembre)\*\*;
- Lendemain de Noël\*\* ;
- Tout jour où l'OPIC est fermé au public pendant tout ou une partie des heures normales d'ouverture de l'OPIC au public.

\*Si le Nouvel An, la Saint-Jean-Baptiste, la Fête du Canada, ou le Jour du Souvenir est un samedi ou un dimanche, les délais seront prorogés au mardi suivant.

\*\*Si le 25 décembre est un vendredi, les délais seront prorogés au mardi suivant. Si le 25 décembre est un samedi ou un dimanche, les délais seront prorogés au mercredi suivant.

\*\*\*Veuillez noter que les Bureaux sont ouverts au public le premier lundi du mois d'août. Tout délai qui expire ce jour-là sera prorogé au prochain jour ouvrable (premier mardi du mois d'août). Cependant, toute correspondance, droits ou taxes fournis au Bureau ce jour-là seront réputés ou considérés avoir été reçus à cette date.

La prorogation de délai concernant les jours prescrits ou réglementaires s'appliquent nonobstant du lieu de résidence ou du lieu de l'établissement auquel les documents ont été remis.

Veuillez noter que ce ne sont pas tous les jours fériés provinciaux ou territoriaux qui sont des jours prescrits ou réglementaires pour lesquels un délai peut être prorogé. Il est recommandé que les clients soient attentifs et s'assurent que tout délai soit respecté.

## Time period extensions under the Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to CIPO or a designated establishment (including the Registered Mail™ and Xpresspost™ services of Canada Post) 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, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly,

## Prorogation des délais prévus par les Lois sur le droit d'auteur et sur les topographies de circuits

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à l'OPIC ou à un établissement désigné (y compris un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé<sup>MC</sup>, ou par Xpresspost<sup>MC</sup> de Postes Canada) 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 par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi relativement aux établissements auxquels des documents sont

## Notices

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 he or she is properly entitled to any needed extension of the time limit.

### Time period extensions 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:

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

### Time period extensions under the Madrid Protocol and the Hague Agreement

If a period within which a communication must be received by the International Bureau of the World Intellectual Property Office would expire on a day on which the International

livrés. Par conséquent, 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.

### Prolongations de délais prévus au 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 :

- i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
- ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
- iii. 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
- iv. 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.

### Prorogation des délais en vertu du Protocole de Madrid et de l'Arrangement de La Haye

Si un délai à l'intérieur duquel une communication doit être reçue par le Bureau international de l'Organisation mondiale de propriété intellectuelle expire un jour où le Bureau international n'est pas ouvert au public, le délai expirera lors du

## Avis

Bureau is not open to the public, it will expire on the next subsequent day on which the International Bureau is open. Likewise, if the period within which a communication (such as a notification of refusal of protection) must be sent by CIPO to the International Bureau would expire on a day on which CIPO is not open to the public, it will expire on the next subsequent day on which CIPO is open.

A list of the days on which the International Bureau is closed to the public during the current and the following calendar year is available on the [WIPO website](#).

## 6. Procedures in Case of an Unexpected Office Closure at CIPO

In case of unforeseen circumstances, CIPO will attempt to remain open to the public and ensure that essential service to our clients continues with the least possible disruption or delay.

In accordance with paragraph 27.01(n) of the Patent Rules, paragraph 15(n) of the Trademarks Regulations and paragraph 36(n) of the Industrial Design Regulations, whenever CIPO is closed to the public, for all or part of a day during ordinary business hours, including closures due to extraordinary circumstances, time periods will be extended to the next day that is not a prescribed or a designated day and where CIPO is open to the public.

For Copyright and Integrated Circuit Topography, if CIPO is closed to the public due to extraordinary circumstances, CIPO considers all time limits to be extended until the next day that it is open to the public. In such situations, mail delivered to CIPO or to designated establishments will be considered to be received on the date that CIPO re-opens to the public, with the exception of correspondence addressed to the Registrar of Topographies.

In view of the date-sensitive nature of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information with respect to [service interruptions](#) on our website as it becomes available and as circumstances permit.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or to use electronic means using the relevant links set out in [section 2.2](#) of these correspondence procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476). Date-sensitive material requiring fee

premier jour suivant où le Bureau international est ouvert au public. Similairement, si un délai à l'intérieur duquel une communication (tel qu'une notification de refus de la protection) doit être envoyée par l'OPIC au Bureau international expire un jour où les bureaux de l'OPIC sont fermés au public, ce délai expirera lors du premier jour suivant la réouverture de l'OPIC.

Une liste des jours pendant lesquels le Bureau international est fermé au public pendant l'année civile en cours et à venir est disponible [sur le site web de l'OMPI](#).

## 6. Procédures en cas de fermeture des bureaux

Lors de circonstances imprévues, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Conformément à l'alinéa 27.01n) des Règles sur les Brevets, l'alinéa 15n) du Règlement sur les marques de commerce et de l'alinéa 36n) du Règlement sur les dessins industriels, lorsque les bureaux de l'OPIC sont fermés au public pendant toute ou une partie des heures normales d'ouverture, y compris une fermeture en raison de circonstances extraordinaires, les délais seront prorogés au jour suivant qui ne sera pas un jour prescrit ou un jour désigné et où l'OPIC est ouvert au public .

Pour les droits d'auteur et les topographies de circuits intégrés, si les bureaux de l'OPIC sont fermés au public en raison de circonstances extraordinaires, l'OPIC considère que tous les délais sont prorogés au prochain jour d'ouverture au public. Dans de telles circonstances, le courrier livré à l'OPIC ou à des établissements désignés sera considéré avoir été reçu à la date du jour de la réouverture de l'OPIC au public, à l'exception de la correspondance adressée au registraire des topographies.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

En situation d'urgence, les systèmes d'information et de recherche resteront, dans la mesure du possible, accessibles à partir de notre site Web. Toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En situation d'urgence, l'OPIC va publier les renseignements nécessaires sur notre [page d'interruptions des services](#), lorsque ceux-ci seront disponibles et les circonstances le permettront.

Les clients sont **fortement encouragés** de faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé<sup>MC</sup>, par Xpresspost<sup>MC</sup> ou par voie électronique en utilisant les liens spécifiés à [l'article 2.2](#) des présentes procédures de correspondance. Il est toujours

## Notices

payment that is sent by fax must be accompanied by a VISA™, MasterCard™, or American Express™ credit card number, or CIPO deposit account number.

Please note that there may also be instances in which the designated offices may be temporarily closed, yet CIPO remains open to the public. In such situations, it remains **the responsibility of CIPO's clients** to ensure that all deadlines are respected.

possible de transmettre par télécopieur des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des droits ou taxes sont exigés, qui sont envoyés par télécopieur, doivent être accompagnés d'un numéro de carte VISA<sup>MC</sup>, Mastercard<sup>MC</sup> ou American Express<sup>MC</sup> ou d'un numéro de compte de dépôt à l'OPIC.

Veuillez noter qu'il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, **les clients de l'OPIC demeurent responsables** du respect de tous les échéanciers.

## 7. Procedures when CIPO is Open to the Public but Clients are Unable to Communicate with the Office

### Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open to the public but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

### Trademarks

The Trademarks Act and Regulations allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. In order for a retroactive extension of time to be granted, the Registrar of Trademarks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee is required in certain cases.

## 7. Procédures à suivre lorsque l'Office est ouvert au public, mais les clients sont incapables de communiquer avec l'Office

### Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif en rapport aux types de propriété intellectuelle mentionnés ci-haut ne donne pas à l'OPIC la flexibilité de proroger les délais lorsque l'Office est ouvert au public, mais les clients sont dans l'impossibilité de communiquer avec le l'Office.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

### Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prolongation rétroactive lorsqu'un délai n'a pas été respecté en raison d'un cas de force majeure. Pour qu'une prolongation de délai rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit est exigé dans certains cas.

## 8. Intellectual property acts, rules and regulations

- [Copyright Act](#)
- [Copyright Regulations](#)
- [Industrial Design Act](#)
- [Industrial Design Regulations](#)
- [Integrated Circuit Topography Act](#)
- [Integrated Circuit Topography Regulations](#)
- [Interpretation Act](#)
- [Patent Act](#)

## 8. Lois, règles et règlements sur la propriété intellectuelle

- [Loi sur le droit d'auteur](#)
- [Règlement sur le droit d'auteur](#)
- [Loi sur les dessins industriels](#)
- [Règlement sur les dessins industriels](#)
- [Loi sur les topographies de circuits intégrés](#)
- [Règlement sur les topographies de circuits intégrés](#)
- [Loi d'interprétation](#)
- [Loi sur les brevets](#)
- [Règles sur les brevets](#)

## Avis

- [Patent Rules](#)
- [Regulations under the PCT](#)
- [Trademarks Act](#)
- [Trademarks Regulations](#)

- [Règlement d'exécution du PCT](#)
- [Loi sur les marques de commerce](#)
- [Règlement sur les marques de commerce](#)

## 15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of April 21, 2020 contains applications open to public inspection from April 5, 2020 to April 11, 2020.

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

La *Gazette du bureau des brevets* du 21 avril 2020 contient les demandes disponibles au public pour consultation pour la période du 5 avril 2020 au 11 avril 2020.

# Canadian Patents Issued

April 21, 2020

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- [72] GADJI, MACOURA, CA
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- [72] KUGELMEIER, PATRICK, CH
- [72] LEHMANN, ROGER, CH
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ACUITY

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APPAREIL POUR PREDIRE UNE  
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PLANAR COMPOSITE MATERIAL  
COMPONENTS

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[72] LOZANO, SEVILLA ALBERTO, ES

[72] GRANADO MACARRILLA, JOSE  
ORENCIO, ES

[72] MARTINEZ VALDEGRAMA,  
VICENTE, ES

[72] BURGOS GALLEGOS, RAUL, ES

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METHYLSULFONYLMETHANE  
(MSM) TO MODULATE  
MICROBIAL ACTIVITY

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[73] BIOGENIC INNOVATIONS, LLC,

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INCLUDING TRANS-7-OXO-6-  
(SULFOXY)-1,6-  
DIAZABICYCLO[3.2.1]OCTANE-2-  
CARBOXAMIDE AND SALTS  
THEREOF

[54] PROCEDES DE PREPARATION DE  
COMPOSES  
HETEROCYCLIQUES, Y  
COMPRIS LE TRANS-7-OXO-6-  
(SULFOXY)-1,6-  
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[72] RACHA, SAIBABA, US

[72] LAWTON, GRAHAM RICHARD, US

[72] ZHOU, SHAO HONG, US

[72] KALYAN, YURIY B., US

[72] GOLDEN, MICHAEL, GB

[72] MILNE, DAVID, GB

[72] TELFORD, ALEXANDER, GB

[72] CHERRYMAN, JANETTE, GB

[72] BOYD, ALISTAIR, GB

[72] PHILLIPS, ANDREW, GB

[72] DEDHIYA, MAHENDRA G., GB

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  - [72] KOSKINEN, PERTTU, FI
  - [72] SELIN, JOHAN-FREDRIK, FI
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  - [72] FARID, KAMRAN, US
  - [72] MOCKLER, CYNTHIA, US
  - [72] PEREZ, RICARDO, US
  - [72] CLINE, CARRIE, US
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  - [72] FELDMANN, MICHAEL STEVEN, US
  - [72] PAGE, JERRY LYNNE, US
  - [73] GE AVIATION SYSTEMS LLC, [86] (2806850)  
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  - [72] WESLEY, LARRY, US
  - [72] YOUNG, BRIAN, US
  - [73] MUNCIE POWER PRODUCTS, INC., [86] (2808106)  
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  - [54] **METHODE DE TRANSMISSION DES DONNEES DE VOL D'UN AERONEF**
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  - [73] GE AVIATION SYSTEMS LLC, [86] (2808829)  
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- [73] REIKAELEVY OY, [86] (2808840)  
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[54] PROCEDE ET APPAREIL POUR LA PROGRAMMATION D'UN INSTRUMENT CHIRURGICAL MODULAIRE  
[72] KIMBALL, CORY G., US  
[72] PRICE, DANIEL W., US  
[72] CLEM, WILLIAM E., US  
[72] DANNAHER, WILLIAM D., CN  
[72] MARCOTTE, AMY L., US  
[72] DIETZ, TIMOTHY G., US  
[72] KORVICK, DONNA L., US  
[72] MADAN, ASHVANI K., US  
[73] ETHICON ENDO-SURGERY, INC.,  
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[54] DELIVRANCE D'UN MEDICAMENT CIBLANT UNE TUMEUR A BASE DE NANOParticules  
[72] REISFELD, RALPH A., US  
[72] XIANG, RONG, US  
[72] LUO, YUNPING, US  
[72] LIAO, DEBBIE, US  
[72] LIU, ZE, CN  
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[72] LU, DAN, US  
[73] THE SCRIPPS RESEARCH INSTITUTE,  
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[54] ORGANE D'ANCRAJE DE FIL DE SUTURE ET PROCEDE DE FIXATION D'UN FIL DE SUTURE RELATIVEMENT A UN TISSU DUR  
[72] MAYER, JORG, CH  
[72] MUELLER, ANDREA, CH  
[72] LEHMANN, MARIO, CH  
[72] GOEBEL-MEHL, STEPHANIE, CH  
[72] WENGER, ANDREAS, CH  
[72] BERRA, MILICA, CH  
[73] SPORTWELDING GMBH,  
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B64D 41/00 (2006.01)  
[25] FR  
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[54] PROCEDE DE FOURNITURE DE PUissance AUXILIAIRE PAR UN GROUPE AUXILIAIRE DE PUissance ET ARCHITECTURE CORRESPONDANTE  
[72] RIDEAU, JEAN-FRANCOIS, FR  
[72] SILET, FABIEN, FR  
[73] MICROTURBO,  
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[54] TUBE POUR EAU PRODUITE D'ELEMENT MEMBRANAIRE SPIRALE COMPORTANT DES RAINURES D'ECOULEMENT EXTERNES  
[72] GOEBEL, PHILLIP T., US  
[73] BL TECHNOLOGIES, INC.,  
[85] 2013-04-11  
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[25] EN  
[54] SECURE SOFTWARE PRODUCT IDENTIFIER FOR PRODUCT VALIDATION AND ACTIVATION  
[54] IDENTIFIANT DE PRODUIT LOGICIEL SECURISE POUR VALIDATION ET ACTIVATION DE PRODUIT  
[72] LAYSON, THOMAS J., US  
[72] GUNYAKTI, CAGLAR, US  
[72] SOULAMI, TARIK, US  
[72] TOSHEV, KALIN GEORGIEV, US  
[72] HARKER, JEFFREY PAUL, US  
[72] BENALOH, JOSH D., US  
[73] MICROSOFT TECHNOLOGY LICENSING, LLC,  
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 [25] EN  
 [54] HEAT EXCHANGER WITH INTEGRATED SUBCOOLER  
 [54] ECHANGEUR DE CHALEUR AVEC SOUS-REFROIDISSEUR INTEGRE  
 [72] FRITZ, STEVE L., US  
 [73] HUSSMANN CORPORATION, [86] (2815713)  
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 [22] 2013-05-14  
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 [25] EN  
 [54] INNER BYPASS DUCT WALL ATTACHMENT  
 [54] FIXATION MURALE POUR CONDUIT DE DERIVATION INTERIEUR  
 [72] VRLJES, LJUBISA, CA  
 [72] CAULFIELD, STEPHEN, CA  
 [73] PRATT & WHITNEY CANADA CORP.,  
 [86] (2815845)  
 [87] (2815845)  
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 [54] ADJUSTABLE MODULAR SHELVING SYSTEM  
 [54] SYSTEME D'ETAGERES MODULAIRES AJUSTABLES  
 [72] RICHTER, THOMAS, US  
 [73] ADRIAN STEEL COMPANY,  
 [86] (2816261)  
 [87] (2816261)  
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 [25] EN  
 [54] THERAPEUTIC SOLUTION CONCENTRATE  
 [54] CONCENTRE DE SOLUTION THERAPEUTIQUE  
 [72] FOWLER, KEVIN C., US  
 [72] KABIR, MOHAMMED A., US  
 [72] TUNE, MICHAEL P., US  
 [72] NELSON, DENNIS, US  
 [72] TAI, ANNA W., US  
 [72] KIM, NANHYE, US  
 [72] REO, JOSEPH P., US  
 [73] BAYER CONSUMER CARE AG, [85] 2013-04-29  
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 [25] EN  
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 [54] REPRODUCTION CLONALE PAR VOIE SYNTHETIQUE PAR LE BIAIS DE GRAINES  
 [72] MERCIER, RAPHAEL, FR  
 [72] NOGUE, FABIEN, FR  
 [72] CHAN, SIMON R., US  
 [72] MARUTHACHALAM, RAVI, US  
 [73] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE,  
 [73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA,  
 [85] 2013-05-30  
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 [54] SELLE ALLONGEE DE REMORQUAGE PAR L'AVANT  
 [72] SCHUETTENBERG, DONALD W., US  
 [73] ATC TRANSPORTATION LLC, [86] (2820503)  
 [87] (2820503)  
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 [25] EN  
 [54] USE OF SULFONYLBENZAMIDE COMPOUNDS IN THE TREATMENT OF SYSTEMIC LUPUS ERYTHEMATOSUS, LUPUS NEPHRITIS, OR SJOGREN'S SYNDROME  
 [54] UTILISATION DE COMPOSES DE SULFONYLBENZAMIDE DANS LE TRAITEMENT DU LUPUS ERYTHEMATEUX SYSTEMIQUE, DU LUPUS NEPHRETIQUE OU DU SYNDROME DE SJOGREN  
 [72] ELMORE, STEVEN, US  
 [72] SOUERS, ANDREW, US  
 [72] WANG, LI CHUN, US  
 [72] GHAYUR, TARIQ, US  
 [72] PERPER, STUART J., US  
 [73] ABBVIE IRELAND UNLIMITED COMPANY,  
 [85] 2013-05-15  
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<p style="text-align: right;">[11] <b>2,822,106</b> [13] C</p> <p>[51] Int.Cl. H01M 4/92 (2006.01) H01M 8/1004 (2016.01) H01M 8/1018 (2016.01) [25] EN [54] IMPROVED MEMBRANE ELECTRODE ASSEMBLIES FOR PEM FUEL CELLS [54] ENSEMBLES MEMBRANE-ELECTRODE AMELIORES POUR PILES A COMBUSTIBLE PEM [72] SUCHSLAND, JENS-PETER, DE [72] BINDER, MATTHIAS, DE [72] ZANDONA, NICOLA, BE [73] GREENERITY GMBH, [85] 2013-06-18 [86] 2011-12-22 (PCT/EP2011/073877) [87] (WO2012/085245) [30] EP (10016032.4) 2010-12-23</p>	<p style="text-align: right;">[11] <b>2,824,821</b> [13] C</p> <p>[51] Int.Cl. B01L 3/00 (2006.01) [25] EN [54] CONTAINER STORING FREEZE-DRIED BIOLOGICAL SAMPLE [54] RECIPIENT DE CONSERVATION D'UN ECHANTILLON BIOLOGIQUE LYOPHILISE [72] SMITH, MICHAEL JOHN, GB [72] TORTORELLA, STEVAN PAUL, US [73] GE HEALTHCARE UK LIMITED, [85] 2013-07-15 [86] 2012-01-25 (PCT/EP2012/051098) [87] (WO2012/101150) [30] GB (1101488.3) 2011-01-28</p>	<p style="text-align: right;">[11] <b>2,827,746</b> [13] C</p> <p>[51] Int.Cl. B65B 1/12 (2006.01) [25] EN [54] APPARATUS FOR LOADING AND LEVELING MATERIAL INTO A CONTAINER [54] APPAREIL DE CHARGEMENT ET NIVELLEMENT DE MATERIAU DANS UN CONTENEUR [72] ABBOTT, ROBERT, US [73] JDV EQUIPMENT CORPORATION, [86] (2827746) [87] (2827746) [22] 2013-09-16 [30] US (13/626,849) 2012-09-25</p>
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- [25] EN
- [54] SPORULATION-DEFICIENT B. TEXASPORUS CELLS AND METHODS FOR EFFICIENT AND COST-EFFECTIVE INACTIVATION AND USE THEREOF
- [54] CELLULES DE B. TEXASPORUS A SPORULATION DEFICIENTE ET PROCEDES POUR INACTIVATION EFFICACE ET PEU COUTEUSE, ET UTILISATION ASSOCIEE
- [72] JIANG, YIWEI, US
- [73] MYGALAXY LIMITED COMPANY, [85] 2013-08-27
- [86] 2012-02-28 (PCT/US2012/026999)
- [87] (WO2012/118845)
- [30] US (61/447,703) 2011-03-01
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- [54] APeline PEGYLEE ET SES UTILISATIONS
- [72] JIA, ZHIQIANG, US
- [72] HOU, LIHUI, US
- [72] PAN, CLARK Q., US
- [72] AKITA, GEOFFREY Y., US
- [73] GENZYME CORPORATION, [85] 2013-09-10
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- [30] US (61/451,623) 2011-03-11

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- [72] HOFFERT, STEVE, CA
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- [87] (2831124)
- [22] 2013-10-23
- [30] US (13/826,749) 2013-03-14

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- [25] EN
- [54] FORMULATIONS COMPRISING 2-AMINO-2-[2-(4-OCTYLPHENYL)ETHYL]PROPANE-1,3-DIOL
- [54] FORMULATIONS COMPRENANT 2-AMINO-2-[2-(4-OCTYLPHENYL)ETHYL]PROPANE-1,3-DIOL
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- [73] NOVARTIS AG, [85] 2013-09-26
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- [87] (WO2012/135561)
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- [25] EN
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- [54] COMPOSES HETEROCYCLIQUES EN TANT QU'INHIBITEURS DE KINASES
- [72] ALMSTETTER, MICHAEL, DE
- [72] THORMANN, MICHAEL, DE
- [72] TREML, ANDREAS, DE
- [72] KOESTLER, ROLAND, DE
- [72] YEHIA, NASSER, DE
- [73] ORIGENIS GMBH, [85] 2013-09-27
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- [25] EN
- [54] AXMI115 VARIANT INSECTICIDAL GENE AND METHODS FOR ITS USE
- [54] GENE INSECTICIDE VARIANT AXMI115 ET SES PROCEDES D'UTILISATION
- [72] LEHTINEN, DUANE, US
- [72] DESAI, NALINI MANOJ, US
- [72] HEINRICH, VOLKER, US
- [73] ATHENIX CORP., [85] 2013-10-01
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- [25] EN
- [54] RARE EARTH REMOVAL OF HYDRATED AND HYDROXYL SPECIES
- [54] ELIMINATION PAR TERRES RARES D'ESPECES HYDRATEES ET HYDROXYLEES
- [72] CABLE, ROBERT, US
- [72] HASSSLER, CARL, US
- [72] BURBA, JOHN, US
- [73] SECURE NATURAL RESOURCES LLC,
- [85] 2013-10-10
- [86] 2012-03-28 (PCT/US2012/030976)
- [87] (WO2012/141896)
- [30] US (61/474,902) 2011-04-13
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- [30] US (13/433,097) 2012-03-28
- [30] US (13/432,895) 2012-03-28

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[13] C

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- [25] EN
- [54] MARINE ENGINE LUBRICATING OIL COMPOSITION COMPRISING AN OIL-SOLUBLE ESTER BASESTOCK AND AN OIL-SOLUBLE POLYALKENYL-SUBSTITUTED CARBOXYLIC ACID ANHYDRIDE
- [54] COMPOSITION D'HUILE LUBRIFIANTE DE MOTEUR MARIN RENFERMANT UNE MATIERE DE BASE D'ESTER SOLUBLE A L'HUILE ET UN ANHYDRE D'ACIDE CARBOXYLIQUE SUBSTITUE PAR UN POLYALKENYL
- [72] BRADLEY-SHAW, JOSHUA, GB
- [72] DODD, JAMES CHRISTIAN, GB
- [73] INFINEUM INTERNATIONAL LIMITED,
- [86] (2833977)
- [87] (2833977)
- [22] 2013-11-21
- [30] EP (12193607.4) 2012-11-21

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[13] C

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- [25] EN
- [54] PENTYLENETETRAZOLE DERIVATIVES
- [54] DERIVES DE PENTYLENETETRAZOLE
- [72] LIEN, LYNDON, US
- [73] BALANCE THERAPEUTICS, INC.,
- [85] 2013-11-01
- [86] 2012-05-03 (PCT/US2012/036217)
- [87] (WO2012/151343)
- [30] US (61/482,533) 2011-05-04

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- [54] MOTEUR PAS-A-PAS A DOUBLE ROTOR
- [72] VEZAIN, STEPHANE, FR
- [72] BAUDASSE, YANNICK, FR
- [72] GAFARI, YASMINA, FR
- [73] THALES,
- [86] (2835793)
- [87] (2835793)
- [22] 2013-12-03
- [30] FR (1203295) 2012-12-05

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[13] C

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- [25] EN
- [54] SOUND FIELD SPATIAL STABILIZER
- [54] STABILISATEUR SPATIAL DE CHAMP ACOUSTIQUE
- [72] PARANJPE, SHREYAS, CA
- [72] HETHERINGTON, PHILIP ALAN, CA
- [73] 2236008 ONTARIO INC.,
- [86] (2835991)
- [87] (2835991)
- [22] 2014-01-24
- [30] US (13/753,198) 2013-01-29
- [30] EP (13153065.1) 2013-01-29

**[11] 2,836,392**

[13] C

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- [54] RAILWAY WORK VEHICLE
- [54] ENGIN DE TRAVAUX FERROVIAIRES
- [72] DEHMEL, WOLFRAM PETER, DE
- [73] K & K MASCHINENENTWICKLUNGS GMBH & CO. KG,
- [85] 2013-11-15
- [86] 2012-05-15 (PCT/EP2012/059052)
- [87] (WO2012/156417)
- [30] DE (10 2011 101 636.1) 2011-05-16
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 [13] C

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**[54] RAILCAR COUPLER CORE WITH VERTICAL PARTING LINE AND METHOD OF MANUFACTURE**  
**[54] PARTIE CENTRALE D'ATTELAGE DE VEHICULE DE CHEMIN DE FER AVEC LIGNE DE SEPARATION VERTICALE ET PROCEDE DE FABRICATION**  
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 [72] SMERECKY, JERRY R., US  
 [72] DAY, KELLY, US  
 [72] MAKARY, VAUGHN, US  
 [72] SALAMASICK, NICK, US  
 [73] BEDLOE INDUSTRIES LLC,  
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**[54] PROCEDE DE PRODUCTION D'AU MOINS UN PRODUIT A PARTIR D'AU MOINS UN GAZ REACTIF DANS UN LIT DE BOUE**  
 [72] BREMAN, BERTHOLD BEREND, NL  
 [73] SASOL TECHNOLOGY (PROPRIETARY) LIMITED,  
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**[54] LOCAL TRANSFORMER LEVEL GRID MANAGEMENT SYSTEMS AND METHODS**  
**[54] SYSTEMES ET PROCEDES DE GESTION DE RESEAU AU NIVEAU D'UN TRANSFORMATEUR LOCAL**  
 [72] SWARZTRAUBER, SAYRE, US  
 [72] SHAFRIR, DORON, US  
 [73] QUADLOGIC CONTROLS CORPORATION,  
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 [25] EN  
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 [72] STEIDL, STEFAN, DE  
 [72] HAMILTON, JOHN ALLAN, AU  
 [72] COOK, ANDREW DAVID, AU  
 [73] MORPHOSYS AG,  
 [73] THE UNIVERSITY OF MELBOURNE,  
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 [25] EN  
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**[54] ELEMENT DE CONVERSION THERMOELECTRIQUE ET SYSTEME DE PRODUCTION ELECTRIQUE A CONVERSION THERMOELECTRIQUE**  
 [72] NAKAYA, HIROAKI, JP  
 [73] NAKAYA, HIROAKI,  
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 [30] JP (2011-159036) 2011-07-20  
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  - [54] SYSTEME ET PROCEDE D'INSPECTION DE TRAVERSES
  - [72] KAINER, JOHN J., US
  - [72] AARON, CHARLES W., US
  - [72] GRISOM, GREGORY T., US
  - [72] MAURICIO, ANTONIO R., US
  - [72] BELCHER, JEB E., US
  - [72] PAGLIUCO, DAVID M., US
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  - [72] NAGEL, JOHN A., II, US
  - [72] VILLAR, CHRISTOPHER M., US
  - [72] ORREL, STEVEN C., US
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- [54] DETECTION DE DINOFLAGELLES PRODUISANT DES SAXITOXINES
- [72] NEILAN, BRETT A., AU
- [72] MURRAY, SHAUNA ANN, AU
- [72] STUKEN, ANKE, NO
- [72] JAKOBSEN, KJETILL S., NO
- [72] ORR, RUSSEL J. S., NO
- [72] KELLMANN, RALF, NO
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- [73] UNIVERSITETET I OSLO,
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  - [54] APPAREIL A MODULE DE CHENILLE ET ROUE D'ENTRAINEMENT OUVERTE POUR CE MODULE
  - [72] RESHAD, JAMSHEED, US
  - [72] TIEDE, DUANE, US
  - [73] ATI, INC.,  
[85] 2014-03-07
  - [86] 2012-07-27 (PCT/US2012/048579)
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  - [25] EN
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  - [72] WRIGHT, JOSHUA, CN
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[85] 2014-02-18
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- [25] EN
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- [54] SUBSTRATS D'ACIDES NUCLEIQUES POUR DES ENZYMES
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- [72] MOKANY, ELISA, AU
- [72] LINARDY, EVELYN MEIRIA, AU
- [72] LONERGAN, DINA, AU
- [73] SPEEDX PTY LTD,  
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  - [54] APPLICATEUR DE LOTION
  - [72] SWICK, BARBARA ANNE, CA
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- [25] EN
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- [54] COMPOSITION DE TRAITEMENT DE L'EAU CONTENANT UN COMPOSE DE LIBERATION D'HALOGENE ET UN FLUOROPOLYMORE
- [72] UNHOCH, MICHAEL J., US
- [72] WISE, NICOLE, US
- [72] PARISH, DEREK FRANCIS, US
- [73] INNOVATIVE WATER CARE, LLC,  
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  - [25] EN
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  - [54] PROCEDES DE PREPARATION D'ALUMINE ET DE DIVERS AUTRES PRODUITS
  - [72] BOUDREAU, RICHARD, CA
  - [72] FOURNIER, JOEL, CA
  - [72] PRIMEAU, DENIS, CA
  - [72] LABRECQUE-GILBERT, MARIE-MAXIME, CA
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- [25] FR
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- [54] NOUVEAUX COMPOSES MODULATEURS DE LA VOIE DE SIGNALISATION DES PROTEINES HEDGEHOG, LEURS FORMES MARQUEES, ET APPLICATIONS
- [72] RUAT, MARTIAL, FR
- [72] FAURE, HELENE, FR
- [72] ROUDAUT, HERMINE, FR
- [72] HOCH, LUCILE, FR
- [72] SCHOENFELDER, ANGELE, FR
- [72] TADDEI, MAURIZIO, IT
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  - [25] EN
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  - [54] PROCEDE POUR PRELEVER DU MATERIEL CELLULAIRE ET ENSEMBLE POUR METTRE EN OEUVRE LEDIT PROCEDE
  - [72] BOTMA, JETZE, NL
  - [72] KLEEFSTRA, MARTIJN, NL
  - [72] BERNTSEN, MARTIJN XANDER, NL
  - [72] VAN DER ZEE, TINO WALTER, NL
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- [54] PROCEDE DE FORMATION DE PRODUITS HEMOSTATIQUES
- [72] OLSON, CURTIS E., US
- [72] MESSINA, PHILIP A., US
- [73] ST. TERESA MEDICAL, INC., [85] 2014-04-04
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- [30] US (61/548,258) 2011-10-18
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  - [54] EVENT SERVICE FOR LOCAL CLIENT APPLICATIONS THROUGH LOCAL SERVER
  - [54] SERVICE D'EVENEMENTS POUR DES APPLICATIONS LOCALES DE CLIENT FOURNI PAR LE BIAIS D'UN SERVEUR LOCAL
  - [72] BAR-ZEEV, AVI, US
  - [72] KIMCHI, GUR, US
  - [72] BECKMAN, BRIAN C., US
  - [72] ISAACS, SCOTT, US
  - [72] BEN-ITAY, MEIR, US
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  - [72] Y ARCAS, BLAISE AGUERA, US
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- [54] DISPOSITIF DOMESTIQUE INTELLIGENT QUI S'AUTO-QUALifie POUR FONCTIONNALITE D'ETAT D'ABSENCE
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- [72] MATSUOKA, YOKY, US
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  - [54] PROMEDICAMENT DE L'ADRENOMEDULLINE A BASE DE POLYETHYLENE GLYCOL ET SON UTILISATION
  - [72] FLAMME, INGO, DE
  - [72] KOBBERLING, JOHANNES, DE
  - [72] LERCHEN, HANS-GEORG, DE
  - [72] GRIEBENOW, NILS, DE
  - [72] SCHOHE-LOOP, RUDOLF, DE
  - [72] WITTROCK, SVEN, DE
  - [72] KOELLNBERGER, MARIA, DE
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  - [72] REDLICH, GORDEN, DE
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  - [72] MARLEY, JULY, GB
  - [72] PRITCHARD, IAIN, GB
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- [54] PRODUCTION MICROBIENNE DE N-BUTYRALDEHYDE
- [72] CHO, KWANG MYUNG, US
- [72] HIGASHIDE, WENDY, US
- [72] LEE, CHRISSEIE, US
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  - [54] ENSEMBLE VERROU POUR UN SYSTEME A VIDE
  - [72] CLEPPER, RAYMOND E., US
  - [72] PRUITT, ANTHONY, US
  - [73] NUERA ENTERPRISES CANADA INC.,
  - [85] 2014-05-09
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  - [54] SYSTEMES ET PROCEDES DE DETECTION DE SPAMS AU MOYEN D'HISTOGRAMMES DE CARACTERES
  - [72] DICHIU, DANIEL, RO
  - [72] LUPSESCU Z., LUCIAN, RO
  - [73] BITDEFENDER IPR MANAGEMENT LTD,
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- [54] FILMS ULTRAMINCES CO-EXTRUDES
- [72] MOKRINI, ASMAE, CA
- [72] VACHON, FRANCOIS, CA
- [72] DUFOUR, JACQUES, CA
- [73] NATIONAL RESEARCH COUNCIL OF CANADA,
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  - [25] EN
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  - [54] NANOFIBRILLES DE CELLULOSE PORTANT UN REVETEMENT UNIFORME DE NANOParticules MAGNETIQUES ET METHODES DE PREPARATION ASSOCIEES
  - [72] GALLAND, SYLVAIN, SE
  - [72] OLSSON, RICHARD T., SE
  - [72] BERGLUND, LARS, SE
  - [73] CELLUTECH AB,
  - [85] 2014-07-17
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  - [30] SE (1200087-3) 2012-02-10
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- [25] EN
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- [54] COMPOSITION D'UN AGENT DE REMPLISSAGE OSSEUX
- [72] ALI, SAAD ABDUL MAJEED, GB
- [73] DEPUY INTERNATIONAL LIMITED,
- [85] 2014-07-16
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  - [54] METHODS OF PRODUCING METHYL 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLATE
  - [54] PROCÉDES DE FABRICATION DE 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLATE DE MÉTHYLE
  - [72] OPPENHEIMER, JOSSIAN, US
  - [72] EDMONDS, MARK V.M., US
  - [72] DERSTINE, CHRISTOPHER W., US
  - [72] CLOUSE, ROBERT C., US
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- [54] SYSTEME D'ALIMENTATION ELECTRIQUE POUR DISPOSITIF DE PRODUCTION D'AEROSOL PORTATIF
- [72] GREIM, OLIVIER, CH
- [73] PHILIP MORRIS PRODUCTS S.A., [85] 2014-06-27
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- [87] (WO2013/102612)
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- [25] EN
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- [54] COMMANDES MANUELLES POUR CLAPETS
- [72] LARSEN, TODD W., US
- [73] TESCOM CORPORATION, [85] 2014-07-21
- [86] 2013-01-30 (PCT/US2013/023739)
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  - [25] EN
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  - [54] DERIVES DE PYRIMIDO[4,5-B]INDOLE ET LEUR UTILISATION DANS L'EXPANSION DES CELLULES SOUCHES HEMATOPOIETIQUES
  - [72] SAUVAGEAU, GUY, CA
  - [72] GAREAU, YVES, CA
  - [72] RUEL, REJEAN, CA
  - [72] GINGRAS, STEPHANE, CA
  - [72] FARES, IMAN, CA
  - [73] UNIVERSITE DE MONTREAL, [85] 2014-07-22
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- [54] SONDE A REFLEXION
- [72] TOSCH, STEPHAN, DE
- [72] GROSS, REINHARD, DE
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- [73] BAYER AKTIENGESELLSCHAFT, [85] 2014-07-22
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  - [54] CANNETTE COMPRENANT UNE PREMIERE OUVERTURE DE DISTRIBUTION ET UNE DEUXIEME OUVERTURE D'AERATION ET UNE LANGUETTE UNIQUE A TIRER
  - [72] NEINER, CHRISTOPHER, US
  - [73] ANHEUSER-BUSCH INBEV S.A.,
  - [85] 2014-06-30
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- [25] EN
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- [72] MATOS RICARDO, CARLOS ALBERTO, PT
- [72] LAMMERS, GEERTRUIDA ANNA PETRONELLA MARIA, PT
- [73] VERACHTERT, AUGUSTINUS MARIA,
- [85] 2014-07-08
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  - [54] CYCLOSPORIN A-BASED AQUEOUS OPHTHALMIC SOLUTION
  - [54] SOLUTION OPHTALMIQUE AQUEUSE A BASE DE CICLOSPORINE A
  - [72] MURIAUX, EMMANUEL, FR
  - [72] MERCIER, FABRICE, FR
  - [73] LABORATOIRES THEA,
  - [85] 2014-07-28
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- [54] SYSTEME D'ARTICULATIONS POUR TUYAU DE DESCENTE D'EAUX PLUVIALES ET PROCEDES
- [72] BAILEY, LANCE D., US
- [73] BAILEY, LANCE D.,
- [85] 2014-08-06
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  - [25] EN
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  - [54] NOUVELLES COMPOSITIONS DESTINEES AU TRAITEMENT DE LA SCLEROSE LATERALE AMYOTROPHIQUE
  - [72] COHEN, DANIEL, FR
  - [72] NABIROCHKIN, SERGUEI, FR
  - [72] CHUMAKOV, ILYA, FR
  - [72] HAJJ, RODOLPHE, FR
  - [73] PHARNEXT,
  - [85] 2014-08-07
  - [86] 2013-02-28 (PCT/EP2013/054024)
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- [25] EN
- [54] AEROSOL-GENERATING ARTICLE HAVING A BIODEGRADABLE FLAVOUR-GENERATING COMPONENT
- [54] ARTICLE PRODUISANT UN AEROSOL COMPORTANT UNE COMPOSANTE PRODUISANT UNE SAVEUR BIODEGRADABLE
- [72] JARRIAULT, MARINE, CH
- [72] LOUVET, ALEXIS, CH
- [72] MEYER, CEDRIC, CH
- [72] SANNA, DANIELE, IT
- [72] ZUBER, GERARD, CH
- [73] PHILIP MORRIS PRODUCTS S.A.,
- [85] 2014-08-08
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[25] EN  
[54] AQUATIC LIFESAVING DEVICE  
[54] DISPOSITIF DE SAUVETAGE AQUATIQUE  
[72] BARRERO LOPEZ, JOSE ALBERTO, ES  
[72] GARCIA ARENILLA, IVAN, ES  
[72] BARRERO LOPEZ, FLORENCIO, ES  
[72] BARRERO LOPEZ, ANTONIO JAVIER, ES  
[73] BARRERO LOPEZ, JOSE ALBERTO, [73] GARCIA ARENILLA, IVAN,  
[73] BARRERO LOPEZ, FLORENCIO,  
[73] BARRERO LOPEZ, ANTONIO JAVIER,  
[85] 2014-08-20  
[86] 2013-02-21 (PCT/ES2013/000042)  
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[30] ES (P 201200204) 2012-03-01

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- [51] Int.Cl. B44C 5/04 (2006.01) E04F 15/00 (2006.01)  
[25] EN  
[54] METHOD FOR PRODUCING A BUILDING PANEL FROM A MIX INCLUDING WOOD PARTICLES, A SOLVENT, AND A BINDER  
[54] METHODE DE PRODUCTION D'UN PANNEAU DE BATIMENT A PARTIR D'UN MELANGE COMPRENANT DES PARTICULES DE BOIS, UN SOLVANT ET UN LIANT  
[72] JACOBSSON, JAN, SE  
[72] PERSSON, HANS, SE  
[72] RITTINGE, RICKARD, SE  
[72] VETTER, GEORG, SE  
[73] VALINGE INNOVATION AB,  
[85] 2014-08-21  
[86] 2013-03-14 (PCT/EP2013/055293)  
[87] (WO2013/139681)  
[30] SE (1250259-7) 2012-03-19  
[30] US (61/612,672) 2012-03-19

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[13] C

- [51] Int.Cl. G08B 13/24 (2006.01) G01V 3/10 (2006.01) G08B 29/18 (2006.01)  
[25] EN  
[54] METHOD AND SYSTEM FOR ADAPTIVE SLIDING DOOR PATTERN CANCELLATION IN METAL DETECTION  
[54] PROCEDE ET SYSTEME D'ANNULATION DE MOTIF DE PORTE COUILLANTE ADAPTABLE DANS LA DETECTION DE METAUX  
[72] DINH, ERIK LEE, US  
[72] BERGMAN, ADAM S., US  
[72] SOTO, MANUEL A., US  
[73] SENORMATIC ELECTRONICS LLC,  
[85] 2014-08-25  
[86] 2013-01-14 (PCT/US2013/021366)  
[87] (WO2013/109486)  
[30] US (13/353,417) 2012-01-19

**[11] 2,865,691**

[13] C

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[25] FR  
[54] JOINTED BENDING MOUNT  
[54] SUPPORT DE BOMBAGE A ARTICULATION  
[72] OLIVIER, THIERRY, FR  
[72] MACHURA, CHRISTOPHE, FR  
[73] SAINT-GOBAIN GLASS FRANCE,  
[85] 2014-08-27  
[86] 2013-02-28 (PCT/FR2013/050417)  
[87] (WO2013/132174)  
[30] FR (1252038) 2012-03-06

**[11] 2,865,696**

[13] C

- [51] Int.Cl. C03C 17/34 (2006.01)  
[25] FR  
[54] ANTI-CONDENSATION GLAZING  
[54] VITRAGE ANTICONDENSATION  
[72] LAMINE, DRISS, FR  
[72] ROY, SEBASTIEN, FR  
[73] SAINT-GOBAIN GLASS FRANCE,  
[85] 2014-08-27  
[86] 2013-03-01 (PCT/FR2013/050437)  
[87] (WO2013/132176)  
[30] FR (1251975) 2012-03-05

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[13] C

- [51] Int.Cl. A61M 5/24 (2006.01) A61M 5/28 (2006.01) A61M 5/32 (2006.01)  
[25] EN  
[54] ANTI-NEEDLE STICK SAFETY DEVICE FOR INJECTION DEVICE  
[54] DISPOSITIF DE SECURITE ANTI-PIQUE D'AIGUILLE POUR UN DISPOSITIF D'INJECTION  
[72] VERESPEJ, JAMES M., US  
[72] SCHOOONMAKER, RYAN, US  
[72] DOWDS, PHILIP, US  
[72] FIELD, FREDERIC P., US  
[73] SAFETY SYRINGES, INC.,  
[85] 2014-08-27  
[86] 2013-04-19 (PCT/US2013/037476)  
[87] (WO2013/159059)  
[30] US (61/636,526) 2012-04-20  
[30] US (61/732,846) 2012-12-03  
[30] US (13/800,415) 2013-03-13

**[11] 2,866,153**

[13] C

- [51] Int.Cl. A61B 5/00 (2006.01) A61B 5/145 (2006.01)  
[25] EN  
[54] TRANSCUTANEOUS ANALYTE SENSORS, APPLICATORS THEREFOR, AND ASSOCIATED METHODS  
[54] CAPTEURS D'ANALYTES TRANSCUTANES, APPLICATEURS ET PROCEDES ASSOCIES  
[72] PRYOR, JACK, US  
[72] BOHM, SEBASTIAN, US  
[72] DERENZY, DAVID, US  
[72] HALAC, JASON, US  
[72] KLINE, DANIEL S., US  
[72] LIEU, PHONG, US  
[72] LIVINGSTON, ADAM J., US  
[72] MASTERSON, STEVE, US  
[72] NEALE, PAUL V., US  
[72] SIMPSON, PETER C., US  
[72] UBACH, ANTONIO JOAO, US  
[73] DEXCOM, INC.,  
[85] 2014-08-29  
[86] 2013-04-03 (PCT/US2013/035097)  
[87] (WO2013/152090)  
[30] US (61/620,152) 2012-04-04  
[30] US (13/830,540) 2013-03-14  
[30] US (13/829,722) 2013-03-14  
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[51] Int.Cl. A61M 5/162 (2006.01) A61M 5/145 (2006.01) A61M 5/158 (2006.01)

[25] EN

[54] **FILL-FINISH CARTRIDGES FOR STERILE FLUID PATHWAY ASSEMBLIES AND DRUG DELIVERY DEVICES INCORPORATING FILL-FINISH CARTRIDGES**

[54] **CARTOUCHES DE REMPLISSAGE-FINITION POUR ENSEMBLES PARCOURS STERILES DE FLUIDE ET DISPOSITIFS DE DISTRIBUTION DE MEDICAMENTS INCORPORANT DES CARTOUCHES DE REMPLISSAGE-FINITION**

[72] HANSON, IAN B., US

[72] BENTE, PAUL F., IV, US

[72] O'CONNOR, SEAN M., US

[72] CLEMENTE, MATTHEW J., US

[72] CICCARELLI, NICHOLAS J., US

[72] AGARD, RYAN M., US

[73] UNITRACT SYRINGE PTY LTD,

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[87] (WO2013/138392)

[30] US (61/609,745) 2012-03-12

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[51] Int.Cl. C10L 1/10 (2006.01) C10L 1/16 (2006.01) C10L 10/00 (2006.01)

[25] EN

[54] **USE OF A VISCOSITY IMPROVER**

[54] **UTILISATION D'UN AGENT AMELIORANT LA VISCOSITE**

[72] BALTHASAR, FELIX JOHANNES, DE

[72] EGGENSTEIN, MATTHIAS, DE

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

[85] 2014-09-10

[86] 2013-03-18 (PCT/EP2013/055581)

[87] (WO2013/135912)

[30] EP (12159796.7) 2012-03-16

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[13] C

[51] Int.Cl. A61B 17/068 (2006.01)

[25] EN

[54] **CLAMPING DEVICES FOR DISPENSING SURGICAL FASTENERS INTO SOFT MEDIA**  
[54] **DISPOSITIFS DE SERRAGE POUR DISTRIBUER DES AGRAFES CHIRURGICALES DANS UN TISSU MOU**

[72] SOULS, DOUG, US

[72] CARDINALE, MICHAEL, US

[72] AUER, BRIAN, US

[72] COHN, SIMON, US

[72] STRAEHNZ, JENS-PETER, DE

[73] ETHICON, INC.,

[85] 2014-09-15

[86] 2013-03-14 (PCT/US2013/031532)

[87] (WO2013/138629)

[30] US (13/421,975) 2012-03-16

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[51] Int.Cl. E21B 33/129 (2006.01) E21B 33/126 (2006.01)

[25] EN

[54] **PIPE PROVIDED WITH A CRIMPED METAL ELEMENT, AND CORRESPONDING PROCESS**  
[54] **TUYAU COMPORTANT UN ELEMENT METALLIQUE SERTI, ET PROCEDE CORRESPONDANT**

[72] ROSELIER, SAMUEL, FR

[72] SALTEL, BENJAMIN, FR

[72] SALTEL, JEAN-LOUIS, FR

[72] NEVEU, ROMAIN, FR

[73] SALTEL INDUSTRIES,

[85] 2014-09-22

[86] 2013-03-22 (PCT/EP2013/056039)

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[51] Int.Cl. A61K 31/568 (2006.01) A61M 5/20 (2006.01) A61M 5/32 (2006.01) A61M 37/00 (2006.01) A61P 5/26 (2006.01)

[25] EN

[54] **DEVICE AND METHOD FOR CONTROLLING TRANSMISSION TORQUE TO PROVIDE HILL ASCENT AND/OR DESCENT ASSISTANCE**

[54] **DISPOSITIF ET PROCEDE DE CONTROLE DU COUPLE DE TRANSMISSION POUR FOURNIR UNE ASSISTANCE A LA MONTEE ET/OU A LA DESCENTE DE COTE**

[72] YORK, PETER G., US

[72] SHULTZ, JEFFREY E., US

[72] SHATTUCK, JARED S., UA

[73] ALLISON TRANSMISSION, INC.,

[85] 2014-09-16

[86] 2013-03-15 (PCT/US2013/031926)

[87] (WO2013/138692)

[30] US (61/611,952) 2012-03-16

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[54] **ADMINISTRATION PAR INJECTION PAR JET ASSISTEE PAR UNE AIGUILLE DE COMPOSITIONS DE TESTOSTERONE**

[72] WOTTON, PAUL K., US

[72] DAVE, KAUSHIK J., US

[72] HAYES, JOHN W., US

[72] SADOWSKI, PETER L., US

[72] JOOSTE, HERMANUS L., US

[72] JAFFE, JONATHAN, US

[73] ANTARES PHARMA, INC.,

[85] 2014-09-25

[86] 2013-04-05 (PCT/US2013/035509)

[87] (WO2013/152323)

[30] US (61/621,298) 2012-04-06

[30] US (61/763,395) 2013-02-11

[30] US (61/776,283) 2013-03-11

[30] US (61/783,444) 2013-03-14

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[13] C
[51] Int.Cl. F27D 5/00 (2006.01)
[25] EN
<b>[54] RETAINING BAR FOR HEAT FURNACE RECEPTACLES, HEAT FURNACE RECEPTACLE SUPPORTING ASSEMBLY COMPRISING RETAINING BAR AND HEAT FURNACE COMPRISING SAME</b>
[54] BARRE DE RETENUE POUR RECEPTECLES DE FOUR, ENSEMBLE PORTEUR DE RECEPTEACLE DE FOUR COMPORTANT UNE BARRE DE RETENUE ET FOUR LES COMPORTANT
[72] FOREST, STEVE, CA
[73] SPECTRIS CANADA INC.,
[85] 2014-09-26
[86] 2013-03-11 (PCT/CA2013/050176)
[87] (WO2013/142989)
[30] US (61/616,573) 2012-03-28

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[51] Int.Cl. A62B 35/00 (2006.01) E04G 21/32 (2006.01)
[25] EN
<b>[54] BAND SPACING IN FALL PROTECTION SYSTEM</b>
<b>[54] ESPACEMENT DE BANDES DANS UN DISPOSITIF ANTI-CHUTE</b>
[72] PENDLEY, TIMOTHY, US
[72] MCLAIN, MICHAEL J., US
[73] MATE, LLC,
[86] (2869391)
[87] (2869391)
[22] 2014-10-31
[30] US (14/203,888) 2014-03-11

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[51] Int.Cl. H02J 7/00 (2006.01) H01M 10/0525 (2010.01) H01M 10/0585 (2010.01) A45C 13/26 (2006.01) A45F 5/00 (2006.01)
[25] EN
<b>[54] PERSONAL MOBILE CHARGING DEVICE</b>
<b>[54] DISPOSITIF DE CHARGE MOBILE PERSONNEL</b>
[72] BALUHA, MARK REGAN, US
[73] BALUHA, MARK REGAN,
[85] 2014-10-02
[86] 2013-04-02 (PCT/US2013/034892)
[87] (WO2013/151963)
[30] US (13/437,714) 2012-04-02

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[13] C
[51] Int.Cl. C12N 9/10 (2006.01) C12P 13/06 (2006.01)
[25] EN
<b>[54] FEEDBACK-RESISTANT .ALPHA.-ISOPROPYLMALATE SYNTHASES</b>
<b>[54] .ALPHA.-ISOPROPYLMALATE SYNTHASES RESISTANT A LA RETROACTION</b>
[72] GERSTMIR, ROBERT, DE
[72] WIEGRABE, IRIS, DE
[73] EVONIK OPERATIONS GMBH,
[85] 2014-10-06
[86] 2013-04-12 (PCT/EP2013/057660)
[87] (WO2013/160124)
[30] DE (10 2012 207 097.4) 2012-04-27

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[51] Int.Cl. A61K 8/34 (2006.01) A61K 8/37 (2006.01) A61K 8/39 (2006.01)
A61K 31/74 (2006.01) A61Q 1/00 (2006.01) A61Q 19/00 (2006.01)
[25] EN
<b>[54] VEGETABLE SOURCED PETROLATUM</b>
<b>[54] VASELINE D'ORIGINE VEGETALE</b>
[72] RAFIEE, LARA MARIE, US
[72] CHENEY, MICHAEL CHARLES, US
[72] DOBKOWSKI, BRIAN JOHN, US
[72] SUBRAMANIAN, VIVEK, US
[72] WANG, QIAN, US
[73] UNILEVER PLC,
[85] 2014-10-09
[86] 2013-04-15 (PCT/EP2013/057830)
[87] (WO2013/174576)
[30] US (13/477,337) 2012-05-22

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[13] C
[51] Int.Cl. A61M 25/04 (2006.01) A61M 25/06 (2006.01) A61M 29/02 (2006.01)
[25] EN
<b>[54] SYSTEMS FOR EXPANDING TISSUE PRIOR TO ENERGYABLATION</b>
<b>[54] DISPOSITIFS D'EXPANSION DE TISSU, SYSTEMES ET PROCEDES AFFERENTS</b>
[72] CAPLAN, JAY, US
[72] RAJAGOPALAN, HARITH, US
[72] MANASAS, MARK A., US
[72] KADAMUS, CHRISTOPHER JAMES, US
[72] COATS, ANDREW, US
[72] LEVIN, PHILLIP, US
[72] FLAHERTY, J. CHRISTOPHER, US
[73] FRACTYL LABORATORIES, INC.,
[85] 2014-10-07
[86] 2013-04-19 (PCT/US2013/037485)
[87] (WO2013/159066)
[30] US (61/635,810) 2012-04-19

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[13] C
[51] Int.Cl. A61F 2/24 (2006.01) A61M 39/22 (2006.01)
[25] EN
<b>[54] HEART VALVE ASSEMBLY SYSTEMS AND METHODS</b>
<b>[54] SYSTEMES ET PROCEDES D'ASSEMBLAGE DE VALVULE CARDIAQUE</b>
[72] SCHWEICH, CYRIL J., JR., US
[72] MORTIER, TODD J., US
[73] CAISSON INTERVENTIONAL, LLC,
[85] 2014-10-15
[86] 2013-04-16 (PCT/US2013/036728)
[87] (WO2013/158608)
[30] US (61/635,741) 2012-04-19
[30] US (61/669,383) 2012-07-09
[30] US (13/842,490) 2013-03-15
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[72] RIIKONEN, VELI, FI
[73] ANDRITZ OY,
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- [54] BOUTEILLE EN PLASTIQUE ETIREE EN MOUSSE
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- [72] ICHIKAWA, KENTAROU, JP
- [72] KOISO, NOBUHISA, JP
- [72] AKUZAWA, NORIO, JP
- [72] NOMURA, TETSURO, JP
- [73] TOYO SEIKAN GROUP HOLDINGS, LTD.,
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- [54] ALCOXYLATES D'ALCOOLS GRAS INSATURES OBTENUS PAR METATHESE D'HUILES NATURELLES
- [72] ALLEN, DAVID R., US
- [72] ALONSO, MARCOS, US
- [72] BEDDAOUI, MARY, US
- [72] BERNHARDT, RANDAL J., US
- [72] BROWN, AARON, US
- [72] DONG, XUE MIN, US
- [72] GORMAN, WILMA, US
- [72] HUTCHISON, JOHN C., US
- [72] LUEBKE, GARY, US
- [72] LUKA, RENEE, US
- [72] LUXEM, FRANZ, US
- [72] MALEC, ANDREW D., US
- [72] MASTERS, RONALD A., US
- [72] MURPHY, DENNIS S., US
- [72] SKELTON, PATTI, US
- [72] SOOK, BRIAN, US
- [72] SPAULDING, CHRIS, US
- [72] WIESTER, MICHAEL, US
- [72] WOLFE, PATRICK SHANE, US
- [73] STEPAN COMPANY, [85] 2014-10-21
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- [54] CO-CRISTAUX DE METALAXYL ET DE PROTHIOCONAZOLE ET LEURS PROCÉDES DE FABRICATION ET D'UTILISATION
- [72] FRIZZELL, DAVID, US
- [73] BAYER CROPSCIENCE LP,
- [85] 2014-10-21
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- [25] EN
- [54] ADJUSTING OPENING TIMES OF A CAM ACTUATED VALVE, RECIPROCATING COMPRESSOR AND METHOD
- [54] REGLAGE DES TEMPS D'OUVERTURE D'UNE SOUPAPE ACTIONNÉE PAR CAME, COMPRESSEUR ALTERNATIF ET PROCÉDÉ
- [72] BAGAGLI, RICCARDO, IT
- [72] TOGNARELLI, LEONARDO, IT
- [73] NUOVO PIGNONE SRL,
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**[54] BOBINE RADIOFRÉQUENCE (RF) DE REDUCTION DE BRUIT ACOUSTIQUE POUR IMAGERIE A RESONANCE MAGNÉTIQUE**  
 [72] DUMOULIN, CHARLES L., US  
 [72] GIAQUINTO, RANDY, US  
 [72] LOEW, WOLFGANG, US  
 [73] CHILDREN'S HOSPITAL MEDICAL CENTER,  
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**[54] DISPOSITIF DE COMMANDE D'AILLE A RESSORT**  
 [72] CLICK, GARY, US  
 [72] DUFFNER, BRENT, US  
 [72] SMITH, BRADLEY, US  
 [72] WEBB, MARTIN, US  
 [73] VOESTALPINE NORTRAK INC.,  
 [73] VOESTALPINE VAE GMBH,  
 [86] (2871903)  
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 [25] FR  
**[54] METHOD FOR IMPROVED ASSEMBLY OF AN ACTUATOR FOR AN AIR BLEED VALVE OF A TURBINE ENGINE**  
**[54] PROCEDE DE MONTAGE AMELIORE D'UN VERIN DE COMMANDE D'UNE VANNE DE DECHARGE D'AIR D'UNE TURBOMACHINE**  
 [72] CHAUVEL, SYLVAIN, FR  
 [73] SNECMA,  
 [85] 2014-10-31  
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**[54] ORDINATEURS DE FLUX AYANT DES INTERFACES DE PROTOCOLE DE COMMUNICATION SANS FIL ET PROCEDES ASSOCIES**  
 [72] PARENT, JEFFREY DAVID, US  
 [72] VANDERAH, RICHARD JOSEPH, US  
 [73] BRISTOL, INC., D/B/A REMOTE AUTOMATED SOLUTIONS,  
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**[54] PROTHESE POUR HERNIE**  
 [72] LECUIVRE, JULIE, FR  
 [72] LADET, SEBASTIEN, FR  
 [73] SOFRADIM PRODUCTION,  
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 [72] BAUSS, MARKUS, DE  
 [73] SCHREINER GROUP GMBH & CO. KG,  
 [85] 2014-11-05  
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**[54] CONTROL METHOD, COMPUTER PROGRAM AND CONTROL DEVICE OF A TRACKED VEHICLE**  
**[54] PROCEDE DE COMMANDE, LOGICIEL D'ORDINATEUR, ET DISPOSITIF DE COMMANDE DE VEHICULE CHENILLE**  
 [72] PELLETIER, MARTIN, CA  
 [73] PRINOTH S.P.A.,  
 [85] 2014-11-06  
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**[54] PROCEDE DE PREPARATION D'AMIDONS GRANULAIRES NON PREGELATINISES INHIBES**  
 [72] HAN, XIAN-ZHONG, US  
 [72] HUTTON, THOMAS K., US  
 [73] TATE & LYLE INGREDIENTS AMERICAS LLC,  
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[54] ENSEMBLE OUTIL OSCILLANT, ROTATIF, DE RETRAIT D'OS, DE CARTILAGE ET DE DISQUE

[72] BONO, PETER L., US

[72] LARK, JAMES D., US

[72] FREIMARK, COREY A., US

[72] RUHALA, ANTHONY J., US

[73] BONO, PETER L.,

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[54] MODELING STRESS AROUND A WELLCORE

[54] MODELISATION DE CONTRAINTE AUTOUR D'UN TROU DE FORAGE

[72] BAI, MAO, US

[73] LANDMARK GRAPHICS CORPORATION,

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[54] BAG-IN-BOX CONNECTOR SYSTEM

[54] SYSTEME DE RACCORD DE CAISSE-OUTRE

[72] FISHEL, MICHAEL, US

[72] DARBY, IAN, GB

[72] BOWERS, CHRIS, GB

[73] THE COCA-COLA COMPANY,

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[54] HYDRAULIC MECHANISM FOR VALVES

[54] MECANISME HYDRAULIQUE DESTINE A DES SOUPAPES

[72] MUCI, MOSES ALEJANDRO, US

[72] BESSMAN, JOHN CARL, US

[73] FISHER CONTROLS INTERNATIONAL LLC,

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[25] EN

[54] SYSTEM AND METHOD OF MANUFACTURE FOR A LINEAR POSITION SENSOR

[54] SYSTEME ET PROCEDE DE FABRICATION DESTINE A UN CAPTEUR DE POSITION LINEAIRE

[72] GLASSON, RICHARD O., US

[73] CONTROL PRODUCTS, INC.,

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[87] (WO2014/003992)

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[25] EN

[54] INACTIVATED MYCOBACTERIA FOR ORAL USE IN THE PREVENTION OF TUBERCULOSIS

[54] MYCOBACTERIES INACTIVEES DESTINEES A ETRE UTILISEES POUR UNE ADMINISTRATION PAR VOIE ORALE DANS LA PREVENTION DE LA TUBERCULOSE

[72] CARDONA IGLESIAS, PERE-JOAN, ES

[72] VILAPLANA MASSAGUER, CRISTINA, ES

[72] MARZO ESCARTIN, ELENA, ES

[73] FUNDACIO INSTITUT PER A LA INVESTIGACIO EN CIENCIES DE LA SALUT "GERMANS TRIAS I PUJOL" (IGTP),

[73] CIBER DE ENFERMEDADES RESPIRATORIAS (CIBERES),

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[25] EN

[54] DEVICE FOR MIXING POWDER AND AT LEAST ONE OTHER TYPE OF PHASE

[54] DISPOSITIF DE MELANGE D'UNE POUDRE ET D'AU MOINS UN AUTRE TYPE DE PHASE

[72] IVARSSON, PETER-NEMO LORENS FREDRIK, SE

[72] ANDERSSON, MATS RICKARD, SE

[73] IVARSSON, PETER-NEMO LORENS FREDRIK,

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- [25] EN
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 FOR CONSTRUCTION  
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- [54] ADDITIF COMPATIBLE AVEC  
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 CHIMIQUES UTILISES DANS LE  
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- [72] DENGLER, JOACHIM, DE  
 [72] MITTERMAIER, BARBARA, DE  
 [73] CONSTRUCTION RESEARCH &  
 TECHNOLOGY GMBH,  
 [85] 2014-12-18  
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 PROTECTOR AND PROTECTIVE  
 CLOTHING ASSEMBLY
- [54] PROTECTEUR GONFLABLE  
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- [72] MAZZAROLO, GIOVANNI, IT  
 [72] BALLANTYNE, COLIN, IT  
 [73] ALPINESTARS RESEARCH SRL,  
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- [25] EN
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 MOLDING NOZZLE
- [54] BUSE DE MOULAGE PAR  
 INJECTION AYANT PLUSIEURS  
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- [72] DEZON-GAILLARD, PATRICE  
 FABIEN, US
- [72] ARSAN, SAMI SAMUEL, CA
- [73] HUSKY INJECTION MOLDING  
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- [85] 2014-12-03
- [86] 2013-06-13 (PCT/US2013/045591)
- [87] (WO2013/188634)
- [30] US (61/660,079) 2012-06-15
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- [25] FR
- [54] METHOD FOR CALIBRATING AN  
 ACTUATING DEVICE
- [54] PROCEDE DE CALIBRAGE D'UN  
 DISPOSITIF D'ACTIONNEMENT
- [72] PIAULET, JEAN-FRANCOIS, FR
- [72] BIZIEN, SEBASTIEN, FR
- [72] BERTHOULOUX, ALAIN, FR
- [73] PGA ELECTRONIC,  
 [85] 2015-01-06
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- [87] (WO2014/009356)
- [30] FR (1256580) 2012-07-09
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 [13] C

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- [25] FR
- [54] CONCEALMENT METHOD AND  
 APPARATUS AND NAVAL  
 VESSEL PROVIDED WITH AT  
 LEAST SUCH AN APPARATUS
- [54] PROCEDE ET INSTALLATION DE  
 MASQUAGE AINSI QUE  
 BATIMENT NAVAL EQUIPE D'AU  
 MOINS UNE TELLE  
 INSTALLATION
- [72] TARDIF, CHRISTOPHE, FR
- [72] BONNET, YOHANN, FR
- [72] DELAUNAY, ANTOINE, FR
- [73] MICROTURBO,  
 [85] 2015-01-09
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- [30] FR (1256931) 2012-07-18
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 [13] C

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- [25] EN
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 CATALYST FOR PRODUCING  
 POLYESTER AND PRODUCTION  
 OF POLYESTER USING THE  
 POLYCONDENSATION  
 CATALYST
- [54] CATALYSEUR DE  
 POLYCONDENSATION POUR LA  
 PRODUCTION DE POLYESTER  
 ET PROCEDE DE PRODUCTION  
 DE POLYESTER L'UTILISANT
- [72] TABATA, KEIICHI, JP
- [72] KAMON, AKIHIRO, JP
- [72] IKEGAWA, KEIICHI, JP
- [72] NAITO, JUN, JP
- [73] SAKAI CHEMICAL INDUSTRY CO.,  
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- [85] 2015-01-12
- [86] 2013-07-26 (PCT/JP2013/070290)
- [87] (WO2014/021206)
- [30] JP (2012-170068) 2012-07-31
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- [25] EN
- [54] NUTRITIONAL CREAMER  
 COMPOSITION
- [54] COMPOSITION DE COLORANT A  
 CAFE A EFFET NUTRITIONNEL
- [72] GAYGADZHIEV, ZAFIR, US
- [72] O'RISKY, LINDA, US
- [73] MJN U.S. HOLDINGS LLC,
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- [86] 2013-07-02 (PCT/US2013/049057)
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[54] SIGNAUX NEGATIFS POUR CIBLER DES PUBLICITES

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[73] FACEBOOK, INC.,

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[11] **2,880,468**

[13] C

[51] Int.Cl. F16C 29/06 (2006.01)

[25] EN

[54] GUIDING BODY AND MOTION-GUIDING DEVICE PROVIDED WITH SAME

[54] CORPS DE GUIDAGE ET DISPOSITIF DE GUIDAGE DE MOUVEMENT LE COMPRENANT

[72] HOSHIDE, KAORU, JP

[72] MOCHIZUKI, HIROAKI, JP

[72] KURIBAYASHI, HIROOMI, JP

[72] KANEKO, AKITO, JP

[73] THK CO., LTD.,

[85] 2015-01-28

[86] 2013-09-06 (PCT/JP2013/074063)

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[30] JP (2012-201718) 2012-09-13

[30] JP (2013-007278) 2013-01-18

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[11] **2,880,771**

[13] C

[51] Int.Cl. A61M 5/142 (2006.01) A61M 5/168 (2006.01) G01L 19/00 (2006.01)

[25] EN

[54] PRESSURE MEASUREMENT UNIT FOR DETERMINING FLUID PRESSURE WITHIN A MEDICAL FLUID DISPENSING DEVICE

[54] UNITE DE MESURE DE PRESSION POUR DETERMINER LA PRESSION DE FLUIDE DANS UN DISPOSITIF DE DISTRIBUTION DE FLUIDE MEDICAL

[72] MAGNENAT, OLIVIER, CH

[72] CUENI, RETO, CH

[73] DEBIOOTECH S.A.,

[85] 2015-01-30

[86] 2013-07-25 (PCT/IB2013/056108)

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[11] **2,880,956**

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[51] Int.Cl. G06Q 10/06 (2012.01) G06Q 50/00 (2012.01)

[25] EN

[54] WELL PLANNING WORKFLOW SYSTEM, METHOD AND COMPUTER-PROGRAM PRODUCT

[54] SYSTEME DE FLUX DE TRAVAUX DE PLANIFICATION DE PUITS, PROCEDE ET PRODUIT PROGRAMME D'ORDINATEUR

[72] SANCHEZ, DIEGO FERNANDO, US

[72] MILLER, JEFFREY, US

[73] LANDMARK GRAPHICS CORPORATION,

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[72] AMIT, ALON, US

[73] FACEBOOK, INC.,

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[54] PLUG VALVE HAVING PRELOADED SEAL SEGMENTS

[54] ROBINET A TOURNANT AVEC SEGMENTS DE JOINT PRECHARGES

[72] WITKOWSKI, BRIAN, US

[72] SAID, NUDEM, US

[73] S.P.M. FLOW CONTROL, INC.,

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[72] THORSTENSEN-WOLL, ROBERT WILLIAM, CA

[73] SELIG SEALING PRODUCTS, INC.,

[85] 2015-02-20

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[54] COMPOSITIONS TOPIQUES D'EXTRAITS DERIVES DU FRUIT DE L'ARBRE SYNSEPALUM DULCIFICUM ET PROCEDES D'UTILISATION

[72] RESNICK, ELIZABETH, US

[72] RESNICK, ADAM, US

[72] RESNICK, LIONEL, US

[73] MIRACLE FRUIT OIL, L.L.C.,

[85] 2015-02-26

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- [25] EN
- [54] MAGNETIC RESONANCE  
 IMAGING (MRI) SYSTEM AND  
 METHOD
- [54] MECANISME ET METHODE  
 D'IMAGERIE PAR RESONNANCE  
 MAGNETIQUE (IRM)
- [72] VIDARSSON, LOGI, CA
- [73] LT IMAGING INC.,
- [86] (2884097)
- [87] (2884097)
- [22] 2015-03-06
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 APPARATUS AND METHOD
- [54] APPAREIL ET METHODE DE  
 GESTION DE CABLE
- [72] FROJO, JEAN EMMANUEL, CA
- [73] ROSS VIDEO LIMITED,
- [86] (2884259)
- [87] (2884259)
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- [25] EN
- [54] AN AIR SPRING, AIR STRUT AND  
 AIR SUSPENSION SYSTEM WITH  
 A LINEARIZED SPRING RATE
- [54] RESSORT A AIR, ENTRETOISE A  
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 SUSPENSION A AIR AVEC UN  
 TAUX DE RESSORT LINEARISE
- [72] HOLDEN, DAVID J., US
- [72] WIZOREK, ANDREW M., US
- [72] HOLBERT, TODD J., US
- [73] MSI DEFENSE SOLUTIONS, LLC,
- [85] 2015-03-02
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- [54] APPAREIL DE POMPAGE  
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- [72] TURNER, JEREMY, NZ
- [73] TRISTEL PLC,
- [85] 2015-03-13
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- [25] FR
- [54] TURBINE ENGINE COMBUSTION  
 ASSEMBLY WITH A VARIABLE  
 AIR SUPPLY
- [54] ENSEMBLE DE COMBUSTION DE  
 TURBOMACHINE A VARIATION  
 D'ALIMENTATION D'AIR
- [72] CARRERE, BERNARD, FR
- [73] TURBOMECA,
- [85] 2015-03-26
- [86] 2013-09-17 (PCT/FR2013/052125)
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- [25] EN
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 ASSESSMENT AND TRAINING
- [54] EVALUATION DE  
 COMPETENCES COGNITIVES  
 ADAPTATIVES ET  
 ENTRAINEMENT
- [72] HARRISON, JOHN EDWARD, GB
- [72] VAN RIJSWIJK, JURRIAAN  
 HUBRECHT, GB
- [72] SPARROWHAWK, KEIRON  
 THOMAS, GB
- [72] KNIGHT, DUNCAN ANDREW, GB
- [73] MYCOGNITION LIMITED,
- [86] (2886486)
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- [25] EN
- [54] BALL JOINT WITH IMPROVED  
 UPPER BEARING AND METHOD  
 OF CONSTRUCTION THEREOF
- [54] JOINT A ROTULE POURVU D'UN  
 PALIER SUPERIEUR AMELIORE  
 ET PROCEDE DE  
 CONSTRUCTION DE CELUI-CI
- [72] ELTERMAN, JAMES, US
- [72] BYRNES, THOMAS, JR., US
- [72] HENSON, TIMMY L., US
- [73] FEDERAL-MOGUL LLC,
- [85] 2015-03-24
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- [54] FORMULATION AQUEUSE STERILE INJECTABLE A BASE D'ACIDE HYALURONIQUE RETICULE ET D'HYDROXYAPATITE POUR USAGE ESTHETIQUE
- [72] GAVARD MOLLIARD, SAMUEL, FR
- [73] ANTEIS S.A.,
- [85] 2015-04-01
- [86] 2013-09-24 (PCT/EP2013/069874)
- [87] (WO2014/056722)
- [30] FR (1259577) 2012-10-08
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- [54] REMOVABLE HEATER FOR COMMUNICATION ANTENNA
- [54] ORGANE DE CHAUFFAGE AMOVIBLE POUR ANTENNE DE TELECOMMUNICATION
- [72] SWAIN, RICHARD LAWRENCE, CA
- [72] THOMSON, JEFFREY ALLAN, CA
- [73] THALES CANADA INC.,
- [85] 2015-04-13
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- [87] (WO2014/064509)
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- [54] SYSTEMS AND METHODS FOR MANAGING HYDROCARBON MATERIAL PRODUCING WELLSITES USING CLAMP-ON FLOW METERS
- [54] SYSTEMES ET PROCEDES PERMETTANT DE GERER DES EMPLACEMENTS DE PUITS PRODUISANT DES MATIERES HYDROCARBONEES FAISANT APPEL A DES DEBITMETRES NON INTRUSIFS
- [72] DRAGNEA, GABRIEL, US
- [72] SAPACK, MICHAEL, US
- [72] CURRY, PATRICK, US
- [72] SRIDHAR, SIDDESH, US
- [73] EXPRO METERS, INC.,
- [85] 2015-04-10
- [86] 2013-10-16 (PCT/US2013/065267)
- [87] (WO2014/062818)
- [30] US (61/714,524) 2012-10-16
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- [25] EN
- [54] JAM-C ANTIBODIES AND METHODS FOR TREATMENT OF CANCER
- [54] ANTICORPS ANTI-JAM-C ET PROCEDES POUR LE TRAITEMENT DU CANCER
- [72] IMHOF, BEAT, CH
- [72] ODY, CHRISTIANE, CH
- [72] MATTHES, THOMAS, CH
- [72] DONATE, CARMEN, CH
- [73] RESEARCH DEVELOPMENT FOUNDATION,
- [85] 2015-04-13
- [86] 2013-10-24 (PCT/US2013/066534)
- [87] (WO2014/066590)
- [30] US (61/717,796) 2012-10-24
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- [25] EN
- [54] POWDERY SEASONING AND METHOD FOR MANUFACTURING SAME
- [54] ASSAISONNEMENT EN POUDRE ET SON PROCEDE DE FABRICATION
- [72] NAKAMURA, SATORU, JP
- [72] TAKAHAGI, YASUSHI, JP
- [73] KIKKOMAN CORPORATION,
- [85] 2015-04-17
- [86] 2013-10-29 (PCT/JP2013/079301)
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- [25] EN
- [54] ANIONIC MICELLES WITH CATIONIC POLYMERIC COUNTERIONS COMPOSITIONS, METHODS AND SYSTEMS THEREOF
- [54] COMPOSITIONS DE MICELLES ANIONIQUES PRESENTANT DES CONTRE-IONS POLYMERES CATIONIQUES, PROCEDES ET SYSTEMES CORRESPONDANTS
- [72] SCHEUING, DAVID R., US
- [72] ANDERSON, TRAVERS, US
- [72] SMITH, WILLIAM L., US
- [72] SZEKERES, ERIKA, US
- [72] ZHANG, RUI, US
- [73] THE CLOROX COMPANY,
- [85] 2015-04-21
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  - [54] **METHOD FOR PRODUCING EQUILIBRIUM PERACETIC ACID AND EQUILIBRIUM PERACETIC ACID OBTAINABLE BY THE METHOD**
  - [54] **PROCEDE DE PRODUCTION D'ACIDE PERACETIQUE A L'EQUILIBRE ET ACIDE PERACETIQUE A L'EQUILIBRE POUVANT ETRE OBTENU PAR CE PROCEDE**
  - [72] REINOLD, ANDREAS, DE
  - [72] LEININGER, STEFAN, DE
  - [72] HELLWIG, ANGELA, DE
  - [73] EVONIK OPERATIONS GMBH,
  - [85] 2015-05-08
  - [86] 2013-10-09 (PCT/EP2013/071013)
  - [87] (WO2014/072143)
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- [54] **COMPRIME EFFERVESCENT**
- [72] BOSCHETTI, SILVIA, IT
- [72] ROSSI, MASSIMILIANO, IT
- [73] EUUSA PHARMA (UK) LTD,
- [85] 2015-05-12
- [86] 2013-11-14 (PCT/EP2013/073857)
- [87] (WO2014/076194)
- [30] NO (20121358) 2012-11-16
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  - [54] **A COMPOSITE INSULATING AND CLADDING PANEL**
  - [54] **PANNEAU COMPOSÉ D'ISOLATION ET DE PAREMENT**
  - [72] CAROLAN, JAMES, IE
  - [72] FLYNN, GREGORY, IE
  - [73] KINGSPAN HOLDINGS (IRL) LIMITED,
  - [85] 2015-05-28
  - [86] 2013-12-02 (PCT/EP2013/075286)
  - [87] (WO2014/086729)
  - [30] IE (2012/0522) 2012-12-03
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- [25] EN
- [54] **METHOD AND APPARATUS FOR BASE STATION SELF-CONFIGURATION**
- [54] **PROCEDE ET APPAREIL POUR UNE AUTO-CONFIGURATION DE STATION DE BASE**
- [72] WANG, PETER S., US
- [72] GUCCIONE, LOUIS J., US
- [72] MILLER, JAMES M., US
- [72] OLVERA-HERNANDEZ, ULISES, US
- [73] SIGNAL TRUST FOR WIRELESS INNOVATION,
- [86] (2894313)
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  - [25] EN
  - [54] **SIGNALING OF CLOCK TICK DERIVATION INFORMATION FOR VIDEO TIMING IN VIDEO CODING**
  - [54] **SIGNALISATION D'INFORMATIONS DE DERIVATION DE TIC-TAC D'HORLOGE POUR UNE SYNCHRONISATION VIDEO DANS UN CODAGE VIDEO**
  - [72] WANG, YE-KUI, US
  - [73] QUALCOMM INCORPORATED,
  - [85] 2015-06-10
  - [86] 2013-12-20 (PCT/US2013/077283)
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  - [30] US (61/749,866) 2013-01-07
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- [25] EN
- [54] **DOWNDWARD ELBOW WITH CYCLONIC EFFECT AND PRODUCT OVERFLOW CAPABILITY**
- [54] **COUDE INVERSE AYANT UN EFFET CYCLONIQUE ET UNE CAPACITE DE DEBORDEMENT DE PRODUIT**
- [72] ROBERGE, MARTIN J., CA
- [72] STUART, GRAHAM DOUGLAS, CA
- [73] CNH INDUSTRIAL CANADA, LTD.,
- [86] (2895200)
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[25] EN  
[54] APPARATUS FOR IN-VITRO IMAGING AND ANALYSIS OF DENTAL SAMPLES  
[54] APPAREIL D'IMAGERIE ET D'ANALYSE D'ECHANTILLONS DENTAIRES IN VITRO  
[72] SIVAGURUNATHAN, KONESWARAN, CA  
[72] ABRAMS, STEPHEN, CA  
[72] HELLEN, ADAM, CA  
[72] MANDELIS, ANDREAS, CA  
[72] SILVERTOWN, JOSHUA D., CA  
[72] WONG, BONNY, CA  
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[73] QUANTUM DENTAL TECHNOLOGIES INC.,  
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[87] (WO2014/094142)  
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[25] EN  
[54] MEDICAL CONNECTOR WITH SPANNING ARMS  
[54] CONNECTEUR MEDICAL A BRAS DE SERRAGE  
[72] GRIESBACH, HENRY L., III, US  
[73] AVVENT, INC.,  
[85] 2015-06-23  
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[25] EN  
[54] ASSAY APPARATUSES, METHODS AND REAGENTS  
[54] APPAREILS, PROCEDES ET REACTIFS DE DOSAGE  
[72] CHAMBERLIN, IAN, US  
[72] CLINTON, CHARLES M., US  
[72] GLEZER, ELI N., US  
[72] JEFFREY-COKER, BANDELE, US  
[72] KOCHAR, MANISH, US  
[72] KOVACS, SANDOR, US  
[72] LE, D.T., US  
[72] LEIMKUEHLER, AARON, US  
[72] SIGAL, GEORGE, US  
[72] TABAKIN, LEO, US  
[72] WILLOUGHBY, JON, US  
[73] MESO SCALE TECHNOLOGIES, LLC,  
[85] 2015-06-25  
[86] 2014-01-03 (PCT/US2014/010182)  
[87] (WO2014/107576)  
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[54] DISPOSITIF DE SUPPORT POUR SUPPORTER UN CORPS, EN PARTICULIER UN CORPS HUMAIN  
[72] CINQUIN, SEBASTIEN, FR  
[73] SYSTEM ASSISTANCE MEDICAL,  
[85] 2015-07-03  
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[25] EN  
[54] UNIQUE IDENTIFICATION OF COIN OR OTHER OBJECT  
[54] IDENTIFICATION UNIQUE DE PIECE DE MONNAIE OU AUTRE OBJET  
[72] TRUONG, HIEU, CA  
[72] BOUTANT, YANN, FR  
[73] MONNAIE ROYALE CANADIENNE/ROYAL CANADIAN MINT,  
[73] ARJOWIGGINS SOLUTIONS,  
[85] 2015-07-21  
[86] 2013-04-30 (PCT/CA2013/050333)  
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[54] METHODS AND APPARATUS FOR HIDING LATENCY IN NETWORK MULTIPLAYER GAMES  
[54] PROCEDES ET APPAREIL POUR CACHER LA LATENCE DANS DES JEUX AVEC PLUSIEURS JOUEURS DANS UN RESEAU  
[72] FIEDLER, GLENN, US  
[72] NAPOLI, VINCENT, US  
[72] MCDONALD, JASON, US  
[73] SONY INTERACTIVE ENTERTAINMENT LLC,  
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 [54] SYSTEMES ET PROCEDES POUR COMMANDER L'AMPLITUDE D'UN BANG SUPERSONIQUE  
 [72] FREUND, DONALD, US  
 [73] GULFSTREAM AEROSPACE CORPORATION,  
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 [54] SYSTEMES ET METHODE DE LIVRAISON DE COLIS DANS LES EMPLACEMENTS DE LIVRAISON DIFFERENTS  
 [72] TIBBS, ANDY, US  
 [72] SLAYTON, JOHN, US  
 [72] SHROFF, SUMEET, US  
 [72] GRUBB, CHRIS, US  
 [72] TOUCH, LINDA, US  
 [72] ESTES, MARK, US  
 [72] USHERWOOD, ROBBYN, US  
 [73] UNITED PARCEL SERVICE OF AMERICA, INC.,  
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 [54] AUTOCLAVE POUR STERILISATION  
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 [72] GHILARDI, MARIA PIA, IT  
 [73] NAKANISHI INC.,  
 [85] 2015-08-04  
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 [25] EN  
 [54] HIGH EFFICIENCY HEATER WITH CONDENSATE COLLECTION AND HUMIDIFICATION  
 [54] CHAUDIERE A HAUT RENDEMENT AVEC RECUPERATION DES CONDENSATS ET HUMIDIFICATION  
 [72] DRESNER, BRUCE, US  
 [72] CHRISTENSEN, DAVID M., US  
 [72] SCHULTE, SCOTT G., US  
 [73] EMPIRE COMFORT SYSTEMS, INC.,  
 [85] 2015-08-14  
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 [25] EN  
 [54] INFORMATION PROCESSING SYSTEM  
 [54] SYSTEME DE TRAITEMENT D'INFORMATIONS  
 [72] AOKI, TOSHIMASA, JP  
 [72] TAKAICHI, TOMOKI, JP  
 [72] SUZUKI, KOSUKE, JP  
 [73] SONY INTERACTIVE ENTERTAINMENT INC.,  
 [85] 2015-08-18  
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 [25] EN  
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 [54] SEL DE DERIVES DE 2-AMINO-1-HYDROXYETHYL-8-HYDROXYQUINOLIN-2(1H)-ONE AYANT A LA FOIS L'ACTIVITE D'UN AGONISTE DES RECEPTEURS ?? ADRENERGIQUES ET D'UN AGONISTE DES RECEPTEURS M3 MUSCARINIQUES.  
 [72] PUIG DURAN, CARLOS, ES  
 [72] JULIA JANE, MONTSERRAT, ES  
 [72] CARRERA CARRERA, FRANCESCA, ES  
 [72] PRAT QUINONES, MARIA, ES  
 [72] PAJUELO LORENZO, FRANCESCA, ES  
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 [73] ALMIRALL, S.A.,  
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 [54] PERMISSION DE CONNEXIONS AUTORISEES AD HOC PARMI DES COMMUNAUTES DE COMMUNICATION ENCLAVEES  
 [72] MAZZARELLA, JOSEPH R., US  
 [73] MUTUALINK, INC.,  
 [85] 2015-09-09  
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  - [54] PLAQUETTE DE FREIN SOUS TENSION
  - [72] SCHEIBE, STEVE, US
  - [72] CHAPMAN, NOAH, US
  - [73] HB PERFORMANCE SYSTEMS, INC.,
  - [85] 2015-09-15
  - [86] 2014-03-14 (PCT/US2014/027849)
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  - [30] US (13/843,692) 2013-03-15
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  - [25] EN
  - [54] ORAL PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING DRY EYE SYNDROME COMPRISING REBAMIPIDE OR A PRODRUG THEREOF
  - [54] COMPOSITION PHARMACEUTIQUE ORALE DESTINEE A PREVENIR OU TRAITER LE SYNDROME DE SECHERESSE OCULAIRE ET RENFERMANT DU REBAMIPIDE OU UN PROMEDICAMENT DERIVE
  - [72] CHO, EUI-HWAN, KR
  - [72] CHOI, SUNG JU, KR
  - [72] LEE, SUNG WOO, KR
  - [72] SHIN, HEE JONG, KR
  - [72] YOON, JONG BAE, KR
  - [72] PARK, KI SEOK, KR
  - [72] NAM, HO TAE, KR
  - [73] SAMJIN PHARMACEUTICAL CO., LTD.,
  - [73] ASTECH. CO., LTD.,
  - [85] 2015-10-16
  - [86] 2014-04-17 (PCT/KR2014/003329)
  - [87] (WO2014/171748)
  - [30] KR (10-2013-0043141) 2013-04-18
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  - [25] EN
  - [54] HIGH PERFORMANCE FABRIC RELEASE COMPOSITION AND USE THEREOF
  - [54] COMPOSITION DE LIBERATION DE TISSU A HAUTES PERFORMANCES ET UTILISATION ASSOCIEE
  - [72] CHOI, DOEUNG DAVID, US
  - [72] SHAROYAN, DAVIT E., US
  - [72] DILKUS, CHRISTOPHER P., US
  - [73] SOLENIS TECHNOLOGIES CAYMAN, L.P.,
  - [85] 2015-10-15
  - [86] 2014-04-16 (PCT/US2014/034270)
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  - [25] EN
  - [54] FIELD INVERSION WAVEGUIDE USING MICRO-PRISM ARRAY
  - [54] GUIDE D'ONDE EN CHAMP INVERSE EMPLOYANT UN RESEAU DE MIRCO-PRISMES
  - [72] ROBERTS, JOHN, GB
  - [72] BABINGTON, JAMES, GB
  - [73] QIOPTIQ LIMITED,
  - [86] (2910498)
  - [87] (2910498)
  - [22] 2015-10-28
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  - [54] UNIVERSAL INDICATOR POST
  - [54] COLONNE UNIVERSELLE DE MANUVRE A INDICATEUR D'OUVERTURE
  - [72] LILES, PHILIP A., US
  - [72] RINKENBERG, KEN A., US
  - [73] NIBCO INC.,
  - [85] 2015-11-27
  - [86] 2014-06-04 (PCT/US2014/040880)
  - [87] (WO2014/197574)
  - [30] US (61/831,252) 2013-06-05
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  - [25] FR
  - [54] ROTOLINEAR CLAMPING CYLINDER
  - [54] VERIN ROTO-LINEAIRE DE BRIDAGE
  - [72] LE GAL, GUY, FR
  - [73] BLUE SOLUTIONS,
  - [85] 2015-12-03
  - [86] 2014-06-19 (PCT/EP2014/062956)
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  - [30] FR (1355898) 2013-06-21
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- [25] FR
- [54] DIE FOR MANUFACTURING A FILM BY EXTRUSION
- [54] FILIERE POUR LA FABRICATION D'UN FILM PAR EXTRUSION
- [72] LE GAL, GUY, FR
- [73] BLUE SOLUTIONS,
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  - [25] EN
  - [54] METHODS AND PROCESSES FOR NON-INVASIVE ASSESSMENT OF GENETIC VARIATIONS
  - [54] PROCEDES ET PROCESSUS D'EVALUATION NON INVASIVE DE VARIATIONS GENETIQUES
  - [72] KIM, SUNG K., US
  - [72] HANNUM, GREGORY, US
  - [72] GEIS, JENNIFER, US
  - [72] DECIU, COSMIN, US
  - [73] SEQUENOM, INC.,
  - [85] 2015-12-15
  - [86] 2014-06-20 (PCT/US2014/043497)
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  - [30] US (61/838,048) 2013-06-21
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- [25] EN
- [54] POLYMER SUPPORT AND METHOD OF LEACHING OF MINERALS CONCENTRATES
- [54] SUPPORT EN POLYMERÉ ET MÉTHODE DE LESSIVAGE DE CONCENTRES DE MINERAIS
- [72] RIVADENEIRA HURTADO, JUAN, CL
- [73] SOCIEDAD PUNTA DEL COBRE S.A.,
- [86] (2915640)
- [87] (2915640)
- [22] 2015-12-22
- [30] CL (CL 0059-2015) 2015-01-09

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  - [25] EN
  - [54] PLANTER SEED METER WITH ACCELERATOR WHEEL SYSTEM
  - [54] DOSEUR DE SEMENCES POUR PLANTEUSE DOTE D'UN SYSTEME DE ROUE D'ACCELERATEUR
  - [72] WENDTE, KEITH W., US
  - [72] ADAMS, BRIAN T., US
  - [73] CNH INDUSTRIAL AMERICA LLC,
  - [86] (2915844)
  - [87] (2915844)
  - [22] 2015-12-18
  - [30] US (14/619,873) 2015-02-11
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- [25] EN
- [54] METHOD FOR PREPARING HYDROGEN-RICH GAS BY GASIFICATION OF SOLID ORGANIC SUBSTANCE AND STEAM
- [54] PROCEDE POUR LA PREPARATION DE GAZ RICHE EN HYDROGÈNE PAR GAZEIFICATION DE SUBSTANCE ORGANIQUE SOLIDE AVEC DE LA VAPEUR
- [72] XU, SHAOPING, CN
- [72] XIAO, YAHUI, CN
- [72] WANG, CHAO, CN
- [72] WANG, GUANGYONG, CN
- [72] YALKUNJAN, TURSUN, CN
- [72] SIU, KAM SHING, CN
- [72] XU, BIN, CN
- [72] CHOW, CONNIE HIU YING, CN
- [73] ECO ENVIRONMENTAL ENERGY RESEARCH INSTITUTE LIMITED,
- [73] DALIAN UNIVERSITY OF TECHNOLOGY,
- [85] 2016-01-13
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  - [25] EN
  - [54] AL-COATED STEEL SHEET HAVING EXCELLENT TOTAL REFLECTION CHARACTERISTICS AND CORROSION RESISTANCE, AND METHOD FOR MANUFACTURING SAME
  - [54] TOLE D'ACIER REVETUE D'ALUMINIUM AYANT D'EXCELLENTES CARACTERISTIQUES DE REFLEXION TOTALE ET DE RESISTANCE A LA CORROSION, ET METHODE DE FABRICATION DE LADITE TOLE
  - [72] FURUKAWA, SHINYA, JP
  - [72] HATTORI, YASUNORI, JP
  - [73] NIPPON STEEL NISSHIN CO., LTD.,
  - [85] 2016-01-20
  - [86] 2014-07-07 (PCT/JP2014/068035)
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  - [30] JP (2013-168478) 2013-08-14
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- [25] FR
- [54] ENERGY STORAGE MODULE COMPRISING A PLURALITY OF ENERGY STORAGE ASSEMBLIES
- [54] MODULE DE STOCKAGE D'ENERGIE COMPRENANT UNE PLURALITE D'ENSEMBLES DE STOCKAGE D'ENERGIE
- [72] JUVENTIN, ANNE-CLAIRE, FR
- [72] LE GALL, LAURENT, FR
- [73] BLUE SOLUTIONS,
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- [86] 2014-07-28 (PCT/EP2014/066125)
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- [30] FR (1357504) 2013-07-30

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[54] DISPOSITIF DE SECURITE POUR SERINGUE  
[72] ROZWADOWSKI, MARCIN, PL  
[72] LESKOWICH, VINCENT, GR  
[73] HTL-STREFA SPOLKA AKCYJNA,  
[85] 2016-02-18  
[86] 2013-10-28 (PCT/PL2013/050024)  
[87] (WO2015/047114)  
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[25] EN  
[54] METHOD AND APPARATUS FOR WELL ABANDONMENT  
[54] PROCEDE ET APPAREIL POUR UN ABANDON DE PUITS  
[72] HEIN, CATY LAVONNE, US  
[72] SEULAKHAN, DARRIN, US  
[72] LAWRENCE, BRIDGET MORGAN, US  
[72] HULL, ROBERT MILTON, US  
[73] LANDMARK GRAPHICS CORPORATION,  
[85] 2016-02-24  
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[25] EN  
[54] MULTI-SENSOR DATA SUMMARIZATION  
[54] SOMME DE DONNEES MULTI CAPTEUR  
[72] AGARWAL, PUNEET, IN  
[72] SHROFF, GAUTAM, IN  
[72] SAIKIA, SARMIMALA, IN  
[72] SRINIVASAN, ASHWIN, IN  
[73] TATA CONSULTANCY SERVICES LIMITED,  
[86] (2923563)  
[87] (2923563)  
[22] 2016-03-09  
[30] IN (3945/MUM/2015) 2015-10-17
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[25] EN  
[54] BEACON LIGHT HAVING A LENS  
[54] FEU DE BALISAGE COMPRENANT UNE LENTILLE  
[72] SHUMATE, CHRISTOPHER, US  
[72] KAM, HANDANI, US  
[72] MCDADE, NIMROD, IV, US  
[72] BRUNER, RUSSELL, US  
[72] DURYEA, DAVID, US  
[73] SPX CORPORATION,  
[85] 2016-03-14  
[86] 2014-09-30 (PCT/US2014/058324)  
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[30] US (14/042,973) 2013-10-01
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[25] EN  
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[54] SYSTEME HAPTIQUE INTERACTIF DESTINE A UN ENVIRONNEMENT DE REALITE VIRTUELLE  
[72] SQUAIR, BRUCE W. C., CA  
[73] SQUAIR, BRUCE W. C.,  
[86] (2924696)  
[87] (2924696)  
[22] 2016-03-17  
[30] US (15/052,404) 2016-02-24
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[13] C

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[25] EN  
[54] DETECTING SINGLE NUCLEOTIDE POLYMORPHISM USING OVERLAPPED PRIMER AND MELTING PROBE  
[54] DETECTION D'UN POLYMORPHISME MONONUCLEOTIDIQUE EN UTILISANT UNE AMORCE DE CHEVAUCHEMENT ET UNE SONDE DE FUSION  
[72] JOHNSON, JENNY A., US  
[73] F. HOFFMANN-LA ROCHE AG,  
[85] 2016-03-22  
[86] 2014-11-10 (PCT/EP2014/074111)  
[87] (WO2015/067790)  
[30] US (14/076,979) 2013-11-11
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[25] EN  
[54] BLOCK, BLOCK SYSTEM AND METHOD OF MAKING A BLOCK  
[54] BLOC, SYSTEME DE BLOC ET PROCEDE DE FABRICATION DE BLOC  
[72] MACDONALD, ROBERT, US  
[72] RICCOCENE, THOMAS, US  
[73] KEYSTONE RETAINING WALL SYSTEMS LLC,  
[85] 2016-03-22  
[86] 2014-09-26 (PCT/US2014/057644)  
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 [25] EN  
**[54] CONTROL INFORMATION TRANSMISSION METHOD, USER EQUIPMENT, AND BASE STATION**  
**[54] PROCEDE DE TRANSMISSION D'INFORMATIONS DE COMMANDE, EQUIPEMENT UTILISATEUR ET STATION DE BASE**  
 [72] CHENG, YAN, CN  
 [72] LI, BO, CN  
 [72] MAZZARESE, DAVID, CN  
 [72] XUE, LIXIA, CN  
 [73] HUAWEI TECHNOLOGIES CO., LTD.,  
 [85] 2016-03-30  
 [86] 2013-09-30 (PCT/CN2013/084757)  
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 [25] EN  
**[54] MULTIPLE SEED-TYPE PLANTING SYSTEM WITH SEED DELIVERY SPEED CONTROL**  
**[54] SYSTEME DE PLANTATION DE TYPE MULTI SEMENCE A CONTROLE DE VITESSE DE DISTRIBUTION DE SEMENCES**  
 [72] WENDTE, KEITH W., US  
 [72] WELLER, MONTE GENE, US  
 [72] ADAMS, BRIAN T., US  
 [73] CNH INDUSTRIAL AMERICA LLC,  
 [86] (2925988)  
 [87] (2925988)  
 [22] 2016-04-05  
 [30] US (14/691,007) 2015-04-20
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**[54] PROCESS FOR UPSET FORGING OF DRILL PIPE**  
**[54] PROCEDE DE REFOULAGE DE TUBE DE FORAGE**  
 [72] KIRBY, KLANE EDWARD, US  
 [72] ADKINS, GREGORY LYNN, US  
 [73] HUNTING ENERGY SERVICES, INC.,  
 [85] 2016-04-08  
 [86] 2014-09-30 (PCT/US2014/058267)  
 [87] (WO2015/053984)  
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[13] C

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**[54] WHEELCHAIR BACK MOUNTING SYSTEM**  
**[54] SYSTEME DE MONTAGE DE DOSSIER DE FAUTEUIL ROULANT**  
 [72] GOECKEL, GREGORY W., US  
 [73] ROHO, INC.,  
 [85] 2016-04-15  
 [86] 2014-08-12 (PCT/US2014/050692)  
 [87] (WO2015/057295)  
 [30] US (61/891,482) 2013-10-16  
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 [25] EN  
**[54] PREPARATION OF NORMORPHINANS**  
**[54] PREPARATION DE NORMORPHINANES**  
 [72] BRANDT, JOHN, US  
 [72] LIAO, SUBO, US  
 [72] HUDSON, EDMUND C., US  
 [72] JARVI, ESA T., US  
 [72] WANG, PETER X., US  
 [72] SCHAEFER, MICHAEL, US  
 [73] SPECGX LLC,  
 [85] 2016-04-20  
 [86] 2014-11-18 (PCT/US2014/066152)  
 [87] (WO2015/074049)  
 [30] US (61/905,312) 2013-11-18
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 [25] EN  
**[54] PLASMAPHERESIS DEVICE**  
**[54] DISPOSITIF DE PLASMAPHERESE**  
 [72] ELIAZ, ISAAC, US  
 [73] ELIAZ THERAPEUTICS, INC.,  
 [85] 2016-06-06  
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**[54] AIR PRESSURE DIFFERENTIAL CONTROL SYSTEM OF AGRICULTURAL PLANTERS**  
**[54] MECANISME DE COMMANDE A PRESSION D'AIR DIFFERENTIELLE DESTINE A DES SEMEUSES AGRICOLES**  
 [72] PRICKEL, MARVIN A., US  
 [73] CNH INDUSTRIAL AMERICA LLC,  
 [86] (2927599)  
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 [30] US (14/755,045) 2015-06-30

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  - [54] CONJUGUES D'ESTER DE GLYCINE DISUBSTITUÉS .ALPHA.,.ALPHA. HYDROLYSABLES PAR DES CARBOXYLESTERASES
  - [72] DRUMMOND, ALAN HASTINGS, GB
  - [72] DAVIDSON, ALAN HORNSBY, GB
  - [72] MOFFAT, DAVID FESTUS CHARLES, GB
  - [72] DONALD, ALISTAIR DAVID GRAHAM, GB
  - [72] DAVIES, STEPHEN JOHN, GB
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- [54] EMBALLAGE A LANGUETTE INGÉRÉE A ELEMENT D'OUVERTURE A TROU DE DOIGT
- [72] DOERSCHNER, DAVID L., US
- [72] HENRY, JEROME A., IE
- [72] HANNON, DAVID, IE
- [73] HOLLISTER INCORPORATED, [85] 2016-07-08
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  - [54] COLMATANT A GRANULOMETRIE MULTIMODALE POUR PERTE DE CIRCULATION
  - [72] WHITFILL, DONALD L., US
  - [72] MILLER, MATTHEW LYNN, US
  - [73] HALLIBURTON ENERGY SERVICES, INC., [85] 2016-07-14
  - [86] 2014-02-18 (PCT/US2014/016950)
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  - [54] GAP-TYPE, SINGLE TURN, TOOLED WAVE SPRING
  - [54] RESSORT ONDULE USINE A SPIRE UNIQUE ET AVEC JOUR
  - [72] MARVUGLIO, DAVID G., US
  - [72] KAMPMANN, ELMAR JOERG, DE
  - [73] ROTOR CLIP COMPANY, INC., [85] 2016-07-15
  - [86] 2014-01-10 (PCT/US2014/011011)
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[13] C

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  - [25] EN
  - [54] EXPLORATION METHOD AND SYSTEM FOR DETECTION OF HYDROCARBONS FROM THE WATER COLUMN
  - [54] PROCEDE ET SYSTEME D'EXPLORATION PERMETTANT DE DETECTER DES HYDROCARBURES A PARTIR D'UNE COLONNE D'EAU
  - [72] HORNBOSTEL, SCOTT C., US
  - [72] JONES, HOMER C., US
  - [72] O'LEARY, JULIE A., US
  - [73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, [85] 2016-07-18
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[13] C

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  - [25] EN
  - [54] METHOD AND SYSTEM FOR RAPID MALARIA DETECTION
  - [54] PROCEDE ET SYSTEME POUR LA DETECTION RAPIDE DE LA MALARIA
  - [72] WOOD, BAYDEN ROBERT, AU
  - [72] KHOSHMANESH, AAZAM, AU
  - [72] DIXON, MATTHEW, AU
  - [72] TILLEY, LEANN, AU
  - [72] MCNAUGHTON, DONALD, AU
  - [73] UNIVERSITY OF MELBOURNE, [73] MONASH UNIVERSITY, [85] 2016-08-04
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  - [25] EN
  - [54] TRAILER STABILIZER AND RESTRAINT
  - [54] DISPOSITIF STABILISATEUR ET LIMITATEUR DE REMORQUE
  - [72] KIMENER, THOMAS TERRENCE, US
  - [73] STABILOCK, LLC,
  - [86] (2939412)
  - [87] (2939412)
  - [22] 2016-08-19
  - [30] US (62/206,869) 2015-08-19
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[13] C

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- [25] EN
- [54] VENTING SYSTEM FOR A SHAPED CHARGE IN THE EVENT OF DEFLAGRATION.
- [54] SYSTEME D'EVACUATION DES GAZ POUR CHARGE CREUSE EN CAS DE DEFLAGRATION.
- [72] COLLINS, WILLIAM R., US
- [72] PEDERSON, MARK ALLAN, US
- [72] RUDNIK, IAN DOUGLAS, US
- [73] HUNTING TITAN, INC., [85] 2016-08-11
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[25] EN  
[54] TOWER SEGMENT HANDLING  
METHOD AND APPARATUS  
[54] METHODE DE DEPLACEMENT  
DE SEGMENT DE TOUR ET  
APPAREIL  
[72] PEDERSEN, GUNNAR K.  
STORGAARD, DK  
[73] VESTAS WIND SYSTEMS A/S,  
[85] 2016-10-11  
[86] 2015-04-14 (PCT/DK2015/050092)  
[87] (WO2015/158351)  
[30] DK (PA 2014 70218) 2014-04-14
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[11] 2,947,281

[13] C

- [51] Int.Cl. G06Q 20/40 (2012.01)  
[25] EN  
[54] METHOD AND SYSTEM FOR  
AUTHENTICATION TOKEN  
GENERATION  
[54] PROCEDE ET SYSTEME DE  
GENERATION DE JETONS  
D'AUTHENTIFICATION  
[72] PIEL, BRIAN, US  
[72] HEY, MARK, US  
[72] BAKER, PAUL, GB  
[72] WILLIAMSON, GREGORY D., US  
[73] MASTERCARD INTERNATIONAL  
INCORPORATED,  
[85] 2016-10-27  
[86] 2015-04-29 (PCT/US2015/028338)  
[87] (WO2015/168316)  
[30] US (14/266,154) 2014-04-30
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[11] 2,947,875

[13] C

- [51] Int.Cl. H04W 74/08 (2009.01) H04W  
80/02 (2009.01) H04W 16/14 (2009.01)  
[25] EN  
[54] TECHNIQUES FOR ENHANCING  
FRAME STRUCTURE AND  
LISTEN BEFORE TALK  
PROCEDURE (LBT) FOR  
TRANSMISSIONS USING AN  
UNLICENSED RADIO  
FREQUENCY SPECTRUM BAND  
[54] TECHNIQUES D'AMELIORATION  
DE STRUCTURE DE TRAME ET  
PROCEDURE D'ECOUTE AVANT  
EMISSION (LBT) POUR DES  
EMISSIONS UTILISANT UNE  
BANDE A SPECTRE DE  
FREQUENCE RADIO SANS  
LICENCE
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- [72] WEI, YONGBIN, US  
[72] MALLADI, DURGA PRASAD, US  
[72] DAMNjanovic, ALEKSANDAR,  
US  
[72] BHUSHAN, NAGA, US  
[72] CHEN, WANSHI, US  
[72] LUO, TAO, US  
[72] GAAL, PETER, US  
[72] SUKHAVASI, RAVI TEJA, US  
[73] QUALCOMM INCORPORATED,  
[85] 2016-11-02  
[86] 2015-05-07 (PCT/US2015/029611)  
[87] (WO2015/191191)  
[30] US (62/012,259) 2014-06-13  
[30] US (14/660,717) 2015-03-17
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[11] 2,948,499

[13] C

- [51] Int.Cl. G06N 3/04 (2006.01) G06N  
3/08 (2006.01)  
[25] EN  
[54] SYSTEM AND METHOD FOR  
CLASSIFYING AND  
SEGMENTING MICROSCOPY  
IMAGES WITH DEEP MULTIPLE  
INSTANCE LEARNING  
[54] SYSTEME ET METHODE DE  
CLASSEMENT ET  
SEGMENTATIONS D'IMAGES DE  
MICROCOPIE A  
APPRENTISSAGE D'INSTANCE  
MULTIPLE PROFOND  
[72] KRAUS, OREN, CA  
[72] FREY, BRENDAN, CA  
[72] BA, JIMMY, CA  
[73] PHENOMIC AI INC.,  
[86] (2948499)  
[87] (2948499)  
[22] 2016-11-16
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[11] 2,948,554

[13] C

- [51] Int.Cl. G02B 19/00 (2006.01) G02B  
3/00 (2006.01) G02B 27/09 (2006.01)  
G02B 27/30 (2006.01)  
[25] EN  
[54] LIGHT SOURCE AND SUNLIGHT  
IMITATING LIGHTING SYSTEM  
[54] SOURCE DE LUMIERE ET  
SYSTEME D'ECLAIRAGE  
IMITANT LA LUMIERE DU  
SOLEIL  
[72] DI TRAPANI, PAOLO, IT  
[72] MAGATTI, DAVIDE, IT  
[73] COELUX S.R.L.,  
[85] 2016-11-09  
[86] 2014-05-13 (PCT/EP2014/001293)  
[87] (WO2015/172794)
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[11] 2,950,089

[13] C

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(2006.01) E21B 43/27 (2006.01) C09K  
8/80 (2006.01)  
[25] EN  
[54] SURFACTANT FORMULATIONS  
FOR REDUCED AND DELAYED  
ADSORPTION  
[54] FORMULATIONS  
TENSIOACTIVES POUR UNE  
ADSORPTION REDUITE ET  
RETARDEE  
[72] HE, KAI, US  
[72] XU, LIANG, US  
[73] MULTI-CHEM GROUP, LLC,  
[85] 2016-11-23  
[86] 2014-07-02 (PCT/US2014/045253)  
[87] (WO2016/003460)

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  - [25] EN
  - [54] ACCELERATION OF CONTEXT ADAPTIVE BINARY ARITHMETIC CODING (CABAC) IN VIDEO CODECS
  - [54] ACCELERATION D'UN CODAGE ARITHMETIQUE BINAIRE ADAPTE AU CONTEXTE (CODAGE CABAC) DANS DES CODEURS-DECODEURS VIDEO
  - [72] CHANDRASHEKAR, PADMASSRI, IN
  - [72] PICHUMANI, PADMAGOWRI, IN
  - [72] KULKARNI, VINAY, IN
  - [72] RAMAMURTHY, SHAILESH, IN
  - [72] NELLORE, ANILKUMAR, IN
  - [72] GUBBI, CHETAN KUMAR VISWANATH, IN
  - [73] ARRIS ENTERPRISES LLC, [85] 2016-11-23
  - [86] 2015-05-28 (PCT/US2015/032835)
  - [87] (WO2015/184069)
  - [30] US (62/003,711) 2014-05-28
  - [30] US (14/723,786) 2015-05-28
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**[11] 2,950,379**

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- [25] EN
- [54] UREA COMPOSITION AND METHOD FOR PRODUCING SAME
- [54] COMPOSITION D'UREE ET PROCEDE DE PRODUCTION DE LADITE COMPOSITION D'UREE
- [72] KRAWCZYK, THOMAS, DE
- [72] POTTHOFF, MATTHIAS, DE
- [72] VANMARCKE, LUC, BE
- [72] BIJPOST, ERIK ALEXANDER, NL
- [72] MASLOW, ALEXANDER, NL
- [73] UHDE FERTILIZER TECHNOLOGY B.V.,
- [73] THYSSENKRUPP AG, [85] 2016-11-25
- [86] 2015-06-17 (PCT/EP2015/063599)
- [87] (WO2015/193377)
- [30] DE (10 2014 108 703.8) 2014-06-20

**[11] 2,950,652**

[13] C

- [51] Int.Cl. B25J 19/06 (2006.01) B25J 19/00 (2006.01)
  - [25] EN
  - [54] ANTI-JAMMING SYSTEM IN A HUMANOID-TYPE ROBOT
  - [54] SYSTEME ANTI COINCEMENT DANS UN ROBOT A CARACTERE HUMANOIDE
  - [72] MUGNIER, FABIEN, FR
  - [72] CLERC, VINCENT, FR
  - [73] SOFTBANK ROBOTICS EUROPE, [85] 2016-11-29
  - [86] 2015-06-03 (PCT/EP2015/062459)
  - [87] (WO2015/185671)
  - [30] FR (1455028) 2014-06-03
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**[11] 2,952,010**

[13] C

- [51] Int.Cl. E21B 21/08 (2006.01) E21B 12/00 (2006.01) E21B 47/06 (2012.01)
  - [25] EN
  - [54] DOWNHOLE PRESSURE SENSING DEVICE FOR OPEN-HOLE OPERATIONS
  - [54] DISPOSITIF DE DETECTION DE PRESSION DE FOND DE TROU POUR DES OPERATIONS A TROU OUVERT
  - [72] HESS, JOE ELI, US
  - [72] CUTHERBERT, ANDY JOHN, US
  - [73] HALLIBURTON ENERGY SERVICES, INC., [85] 2016-12-12
  - [86] 2014-08-22 (PCT/US2014/052332)
  - [87] (WO2016/028320)
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[13] C

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- [25] EN
- [54] EMBEDDED POLES FOR UTILITY POLES AND STRUCTURES
- [54] POTEAUX INTEGRES DESTINES A DES POTEAUX ET STRUCTURES DE SERVICES PUBLICS
- [72] FARIES, GUY L., US
- [72] FAIRBAIRN, MARK H., US
- [73] MEYER UTILITY STRUCTURES, LLC, [86] (2956240)
- [87] (2956240)
- [22] 2017-01-25
- [30] US (15/049,492) 2016-02-22

**[11] 2,956,508**

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  - [25] EN
  - [54] METHOD AND SYSTEM FOR RECONSTRUCTING OBSTRUCTED FACE PORTIONS FOR VIRTUAL REALITY ENVIRONMENT
  - [54] PROCEDE ET SYSTEME POUR LA RECONSTRUCTION DE PARTIES OCCULTEES D'UN VISAGE, DANS UN ENVIRONNEMENT DE REALITE VIRTUELLE
  - [72] GROSSINGER, NADAV, IL
  - [72] ALON, EMIL, IL
  - [73] FACEBOOK TECHNOLOGIES, LLC, [85] 2017-01-27
  - [86] 2015-08-04 (PCT/IL2015/050801)
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- [54] TOOL BAR PIVOT HINGE ASSEMBLY FOR AN AGRICULTURAL IMPLEMENT
- [54] DISPOSITIF DE CHARNIERE A PIVOT DE BARRE D'OUTIL DESTINE A UN ACCESOIRE ARATOIRE
- [72] HARNETIAUX, TRAVIS LESTER, US
- [73] CNH INDUSTRIAL AMERICA LLC, [86] (2956648)
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- [22] 2017-01-30
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<p>[11] <b>2,959,310</b>  [13] C</p> <p>[51] Int.Cl. E21B 44/00 (2006.01) G16Z 99/00 (2019.01) G06F 5/00 (2006.01) G06K 9/18 (2006.01)</p> <p>[25] EN</p> <p>[54] IMAGE BASED TRANSFER OF WELLSITE DATA BETWEEN DEVICES IN A PETROLEUM FIELD</p> <p>[54] TRANSFERT BASE SUR DES IMAGES DE DONNEES D'EMPLACEMENT DE PUITS ENTRE DES DISPOSITIFS DANS UN CHAMP DE PETROLE</p> <p>[72] ANGHELESCU, FLORIN M., CA</p> <p>[72] CRAWSHAY, DAVID, US</p> <p>[73] LANDMARK GRAPHICS CORPORATION,</p> <p>[85] 2017-02-24</p> <p>[86] 2014-10-01 (PCT/US2014/058642)</p> <p>[87] (WO2016/053331)</p>	<p>[11] <b>2,960,470</b>  [13] C</p> <p>[51] Int.Cl. G09B 29/00 (2006.01)</p> <p>[25] EN</p> <p>[54] MAP GENERATION DEVICE</p> <p>[54] DISPOSITIF DE PRODUCTION DE CARTE</p> <p>[72] KATOU, MANABU, JP</p> <p>[72] MORIZANE, HIROTO, JP</p> <p>[72] KAWAMATA, YUKIHIRO, JP</p> <p>[73] HITACHI CONSTRUCTION MACHINERY CO., LTD., [85] 2017-03-07</p> <p>[86] 2015-10-28 (PCT/JP2015/080410)</p> <p>[87] (WO2016/072329)</p> <p>[30] JP (2014-226471) 2014-11-06</p>	<p>[11] <b>2,962,532</b>  [13] C</p> <p>[51] Int.Cl. G01B 21/32 (2006.01) G01B 7/16 (2006.01) H01R 39/58 (2006.01)</p> <p>[25] EN</p> <p>[54] PRESSURE SENSOR CONTAINING MECHANICALLY DEFORMING ELEMENTS</p> <p>[54] CAPTEUR DE PRESSION CONTENANT DES ELEMENTS DE DEFORMATION MECANIQUE</p> <p>[72] OVAERE, PETER, BE</p> <p>[72] SCHEPENS, PIETER-JAN, BE</p> <p>[73] MERSEN BENELUX BV, [85] 2017-03-24</p> <p>[86] 2015-10-01 (PCT/IB2015/057526)</p> <p>[87] (WO2016/051376)</p> <p>[30] NL (N2013559) 2014-10-02</p> <p>[30] BE (2015/5092) 2015-02-19</p>
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  - [54] PROCEDE, DISPOSITIF ET SYSTEME DE TRANSFERT DE DONNEES DANS UN RESEAUTAGE DEFINI PAR LOGICIEL
  - [72] ZUO, SHAOFU, CN
  - [73] HUAWEI TECHNOLOGIES CO., LTD.,
  - [85] 2017-04-04
  - [86] 2014-12-17 (PCT/CN2014/094136)
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- [25] EN
- [54] APPARATUSES FOR REDUCING ANGULAR VELOCITY OF PROTECTIVE SHELLS ASSOCIATED WITH PROTECTIVE HEADWEAR
- [54] APPAREILS POUR REDUIRE LA VITESSE ANGULAIRE DE COQUES DE PROTECTION ASSOCIEES A UN CASQUE DE PROTECTION
- [72] PATEL, NISHANK R., US
- [72] SOMMERS, ERIC T., US
- [72] PFEIFER, KYLE, US
- [73] ILLINOIS TOOL WORKS INC.,
- [85] 2017-04-26
- [86] 2015-12-11 (PCT/US2015/065213)
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- [30] US (62/096,948) 2014-12-26
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- [25] EN
- [54] ISOINDOLINE DERIVATIVE, INTERMEDIATE, PREPARATION METHOD, PHARMACEUTICAL COMPOSITION AND USE THEREOF
- [54] DERIVE D'ISOINDOLINE, SON INTERMEDIAIRE, SON PROCEDE DE PREPARATION, SA COMPOSITION PHARMACEUTIQUE ET SON UTILISATION
- [72] GE, CHUANSHENG, CN
- [72] LEE, WEN-CHERNG, CN
- [72] LIAO, BAISONG, CN
- [72] ZHANG, LEI, CN
- [73] KANGPU BIOPHARMACEUTICALS, LTD.,
- [85] 2017-04-27
- [86] 2015-08-27 (PCT/CN2015/088312)
- [87] (WO2016/065980)
- [30] CN (201410605148.8) 2014-10-30
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  - [25] EN
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  - [54] SYSTEMES ET METHODES D'AFFICHAGE D'UNE SALLE SIMULEE ET DE PARTIES DE LADITE SALLE
  - [72] HOLT, BLAIR THOMAS, US
  - [72] JANSEN, KURT JAMES, US
  - [72] BOGGESS, SHANNON WADFORD, US
  - [72] MILLER, RANDALL ALLEN, US
  - [72] FERGUSON, PAULA GRAGG, US
  - [72] KEY, JEFFREY DONALD, US
  - [72] POLLARD, JEFFREY ROBERT, US
  - [72] MARKSHAUSEN, ZEKE ROBERT, US
  - [72] WINTHER, GARRETT LETT, US
  - [72] SOVERN, KATHRYN, US
  - [72] SJUNNESSON, CAROL DAVID, US
  - [72] FLETCHER, KYLE, US
  - [72] SPENKO, ELIZABETH, US
  - [72] GRACEFFA, JOSEPH THOMAS, US
  - [72] LEE, TRAVIS SCHULTZ, US
  - [72] FERBER, AARON RANDALL, US
  - [73] LOWE'S COMPANIES, INC.,
  - [86] (2966447)
  - [87] (2966447)
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- [25] EN
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- [54] DISTRIBUTEUR MANUEL DE LIQUIDE AVEC GENERATEUR D'ELECTRICITE
- [72] OPHARDT, HEINER, CH
- [73] OP-HYGIENE IP GMBH,
- [86] (2967107)
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**[54] PACKAGE INTEGRITY FEATURE FOR PACKAGING**  
**[54] ELEMENT D'INTEGRITE D'EMBALLAGE POUR EMBALLAGE**  
 [72] GIORGIO, HUGO, US  
 [72] SMITH, EUGENE T., US  
 [72] GAGNE, JOSEPH DONALD, US  
 [72] BRANYON, JACOB DONALD PRUE, US  
 [73] SONOCO DEVELOPMENT, INC.,  
 [85] 2017-05-10  
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 [25] EN  
**[54] DEVICE FOR INSULATING AND SEALING ELECTRODE HOLDERS IN CVD REACTORS**  
**[54] DISPOSITIF D'ISOLEMENT ET D'ETANCHEITE DE SUPPORTS D'ELECTRODE DANS DES REACTEURS CVD**  
 [72] KRAUS, HEINZ, DE  
 [72] KUTZA, CHRISTIAN, DE  
 [72] RENNSCHMID, DOMINIK, DE  
 [73] WACKER CHEMIE AG,  
 [85] 2017-05-12  
 [86] 2015-11-06 (PCT/EP2015/075933)  
 [87] (WO2016/078938)  
 [30] DE (102014223415.8) 2014-11-17

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**[54] SYSTEMS AND METHODS FOR ALL-INSIDE SUTURE FIXATION FOR IMPLANT ATTACHMENT AND SOFT TISSUE REPAIR**  
**[54] SYSTEMES ET METHODES DE FIXATION DE SUTURE INTERIEURE INTEGRALE DESTINES A LA FIXATION D'IMPLANT ET LA REPARATION DE TISSU MOU**  
 [72] VIOLA, PAUL, US  
 [73] IVY SPORTS MEDICINE, LLC,  
 [86] (2968651)  
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 [30] US (62/341,744) 2016-05-26  
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 [25] EN  
**[54] CONTAINER FOR A CONSUMABLE GOOD, COATED WITH A RESVERATROL- CONTAINING LAYER**  
**[54] CONTENANT POUR UN PRODUIT DE CONSOMMATION, REVETU D'UNE COUCHE CONTENANT DU RESVERATROL**  
 [72] STOKES, GREGORY JOHN CHARLES, AU  
 [72] BARICS, STEVEN JOHN ANTHONY, AU  
 [73] INTELLIGENT PACKAGING PTY LIMITED,  
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**[54] SYSTEMS AND METHODS FOR PROVIDING CUSTOMIZED VIRTUAL WIRELESS NETWORKS BASED ON SERVICE ORIENTED NETWORK AUTO-CREATION**  
**[54] SYSTEMES ET PROCEDES POUR FOURNIR DES RESEAUX SANS FIL VIRTUELS PERSONNALISES SUR LA BASE D'UNE CREATION AUTOMATIQUE DE RESEAU ORIENTE SERVICES**  
 [72] SENARATH, NIMAL GAMINI, CA  
 [72] DAO, NGOC-DUNG, CA  
 [72] FARMANBAR, HAMIDREZA, CA  
 [72] LI, XU, CA  
 [72] VRZIC, SOPHIE, CA  
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 [30] US (62/085,405) 2014-11-28  
 [30] US (62/132,320) 2015-03-12  
 [30] US (62/146,865) 2015-04-13

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 [25] EN  
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**[54] INHIBITEURS DE NECROSE**  
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 [72] WANG, XIAODONG, CN  
 [72] LEI, XIAOGUANG, CN  
 [72] SU, YANING, CN  
 [72] HE, SUDAN, CN  
 [72] RUAN, HANYING, CN  
 [72] SUN, LIMING, CN  
 [73] NATIONAL INSTITUTE OF BIOLOGICAL SCIENCES, BEIJING,  
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  - [54] COLLECTEUR D'APPROVISIONNEMENT HYDRONIQUE
  - [72] MACDUFF, MALCOLM, CA
  - [72] MACDUFF, JAMES, CA
  - [73] MACDUFF, MALCOLM,
  - [73] MACDUFF, JAMES,
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- [54] PROCEDE D'ALCOXYCARBONYLATION DES ALCOOLS
- [72] DONG, KAIWU, CN
- [72] JACKSTELL, RALF, DE
- [72] NEUMANN, HELFRID, DE
- [72] BELLER, MATTHIAS, DE
- [72] FRIDAG, DIRK, DE
- [72] HESS, DIETER, DE
- [72] DYBALLA, KATRIN MARIE, DE
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- [72] FRANKE, ROBERT, DE
- [73] EVONIK OPERATIONS GMBH,
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  - [54] MODIFIED POLYPROPYLENE AND POLYMER BLENDS THEREOF
  - [54] POLYPROPYLENE MODIFIE ET MELANGES POLYMERES ASSOCIES
  - [72] CARNEVALE, ELLIOT, US
  - [72] STEVENS, RILEY, US
  - [72] MCLOUGHLIN, KIMBERLY MILLER, US
  - [72] MILLER, WILLIAM SCOTT, US
  - [72] STEPHANS, MICHAEL ROBERT, US
  - [72] KRUPINSKI, STEVEN MICHAEL, US
  - [73] BRASKEM AMERICA, INC.,
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- [54] GESTION CONSOLIDEE D'ELEMENTS DE RESEAU DOMESTIQUE
- [72] BUGAJSKI, MAREK, US
- [72] MORGOS, MARCIN, PL
- [73] ARRIS ENTERPRISES LLC,
- [85] 2017-07-25
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- [30] US (62/110,092) 2015-01-30
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  - [72] IMAMURA, TAKESHI, JP
  - [72] TAKENAKA, MASANORI, JP
  - [72] WAKISAKA, YUIKO, JP
  - [73] JFE STEEL CORPORATION,
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- [54] SYSTEME DE PURIFICATION DE GAZ D'EVACUATION ET PROCEDE UTILISANT UN MATERIAU COMPOSITE POLYMER SORBANT
- [72] HARDWICK, STEVE, US
- [72] LU, XIAO-CHUN, US
- [73] W.L. GORE & ASSOCIATES, INC.,
- [85] 2017-08-22
- [86] 2016-02-25 (PCT/US2016/019446)
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- [30] US (62/126,080) 2015-02-27
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  - [54] SYSTEME ET PROCEDE DE LAVAGE A CONTRE-COURANT DE LIT DE FILTRATION AVEC DU GAZ RECYCLE
  - [72] FELCH, CHAD L., US
  - [72] MUNSON, STUART J., US
  - [73] SIEMENS ENERGY, INC.,
  - [85] 2017-09-08
  - [86] 2016-03-04 (PCT/US2016/020801)
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  - [30] US (62/132,097) 2015-03-12
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- [54] MEMBRANE ANTI-ASSECHEMENT COMPORTANT UNE COMPOSANTE D'ELEVATION DU POINT DE BULLE
- [72] STALEY, SHAUN, US
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[54] SYSTEMES ET PROCEDES POUR CIRCUITS D'ATTAQUE DESTINES A DES DISPOSITIFS DE COMMUNICATION A PISTE MAGNETIQUE DYNAMIQUES

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[72] CHEN, LI RAY, US

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[54] ELEMENT DE DEVIATION UNITAIRE POUR LA FABRICATION DE STRUCTURES FIBREUSES AYANT UNE SURFACE AUGMENTEE ET PROCESSUS DE FABRICATION ASSOCIE

[72] MANIFOLD, JOHN ALLEN, US

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[72] SHERMAN, FAIZ FEISAL, US  
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- [54] DISPOSITIF ET PROCEDE DE SOUDAGE HOMOGENE DE STRUCTURES CINTREES A PLAT PAR SOUDAGE PAR FRICTION-MALAXAGE
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[72] JAASKELAINEN, MIKKO, US  
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[72] TIEU, ANDREW, CA  
[72] YAN, WENZHOU, CA  
[72] DANIELS, BRUCE, CA  
[72] XU, MEISHING, CA  
[73] VLN ADVANCED TECHNOLOGIES  
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[72] OLDBURY, ROSS, GB  
[73] NICOVENTURES HOLDINGS  
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[85] 2018-03-22  
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 CELL  
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[72] SATO, KENJI, JP  
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[72] KADONO, HIDEYA, JP  
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[72] SNYDER, JOHN K., US  
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- [72] ROBERTS, NICHOLAS HAMPEL, US
- [72] SHIOSAKI, DOMINIC TIMOTHY, US
- [72] WELSH, RICKY DEAN, US
- [73] AMAZON TECHNOLOGIES, INC.,
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- [72] XIONG, HUI, US
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- [72] MERRON, MATT JAMES, US
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- [73] RABYCONNECTINC.,
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- [73] SMITH & WESSON CORP.,
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- [72] SINDLINGER, STEFAN, DE
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- [72] BARNEY, BRIAN, US
- [72] LARIMI, SEYED REZA, CA
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- [54] LAISSE RETRACTABLE EN COMBINAISON DE BLOC D'ALIMENTATION, ET COLLIER POURVU D'UNE CHARGE ELECTRONIQUE, RETENUE ELECTRONIQUE D'ANIMAL ET STATION DE CHARGE A ENERGIE SOLAIRE EN EXTERIEUR
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[72] MU, BO, US	
[72] MAGNANI, ALBERT M., US	
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[72] JAIN, SAURABH, IN	
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[54] ECHANGEUR DE CHALEUR	
[72] WALTER, KRISTIAN, SE	
[72] BERTILSSON, KLAS, SE	
[72] STROMER, FREDRIK, SE	
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[54] UN SYSTEME D'AJUSTEMENT DE LA TEMPERATURE D'UN CORPS	
[72] LIE, CLAUS, DK	
[73] LIE, CLAUS,	
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[25] EN	
[54] ANALYZING BITUMEN CONTAINING STREAMS	
[54] ANALYSE DE FLUX RENFERMANT DU BITUME	
[72] ESMAEILI, PAYMAN, CA	
[72] BEKELE, ASFAW, CA	
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY,	
[86] (3022709)	
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[54] MULTIPURPOSE AIR VEHICLE	
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[72] CHANG, TAE-JUNG, US	
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[25] EN	
[54] IMPROVED BAG AND HAND PROTECTOR COMBINATION FOR SANITARY WASTE OR SPECIMEN COLLECTION	
[54] COMBINAISON DE SAC ET PROTECTEUR DE MAIN AMELIOREE DESTINEE A LA COLLECTE DE DECHETS OU DE PRELEVEMENTS SANITAIRE	
[72] CURRIE, MICHAEL LEE, CA	
[73] CURRIE, MICHAEL LEE,	
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[25] EN	
[54] CONTROL DEVICE, CONTROL METHOD, AND STORAGE MEDIUM	
[54] DISPOSITIF DE COMMANDE, PROCEDE DE COMMANDE ET SUPPORT DE STOCKAGE	
[72] AIZAWA, MICHIO, JP	
[72] HANADA, MASAHIRO, JP	
[72] MIZUNO, SHOGO, JP	
[72] TANAKA, KATSUMASA, JP	
[72] MATSUSHITA, AKIHIRO, JP	
[72] MORISAWA, KEISUKE, JP	
[72] YANO, TOMOHIRO, JP	
[72] KOMIYAMA, MAI, JP	
[72] FUJII, KENICHI, JP	
[72] DATE, ATSUSHI, JP	
[73] CANON KABUSHIKI KAISHA, [85] 2018-11-23	
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<p>[11] <b>3,030,433</b>  [13] C</p> <p>[51] Int.Cl. A42B 1/04 (2006.01) A42C 1/00 (2006.01)  [25] EN  [54] <b>CAP AND METHOD OF MANUFACTURING CAP</b>  [54] <b>CASQUETTE ET PROCEDE DE FABRICATION DE CASQUETTE</b>  [72] MAO, ZHEN, CN  [73] SHANGHAI PACIFIC HAT MANUFACTURING CO., LTD.,  [85] 2019-01-10  [86] 2017-07-12 (PCT/CN2017/092671)  [87] (WO2018/010666)  [30] CN (PCT/CN2016/089914) 2016-07-13</p>
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<p>[11] <b>3,032,168</b>  [13] C</p> <p>[51] Int.Cl. A61K 31/4465 (2006.01) A61K 31/165 (2006.01) A61K 31/192 (2006.01) A61K 31/44 (2006.01) A61K 31/573 (2006.01) A61K 45/06 (2006.01) A61P 9/02 (2006.01)  [25] EN  [54] <b>COMPOUND FOR USE IN THE TREATMENT OF NEUROGENIC ORTHOSTATIC HYPOTENSION</b>  [54] <b>COMPOSE DESTINE A ETRE UTILISE DANS LE TRAITEMENT DE L'HYPOTENSION ORTHOSTATIQUE NEUROGENE</b>  [72] HEGDE, SHARATHCHANDRA S., US  [73] THERAVANCE BIOPHARMA R&amp;D IP, LLC,  [85] 2019-01-25  [86] 2017-08-24 (PCT/US2017/048324)  [87] (WO2018/044667)  [30] US (62/381,114) 2016-08-30</p>
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  - [25] EN
  - [54] LACTOBACILLUS PARACASEI BACTERIUM AND USE THEREOF
  - [54] BACTERIE DE LA SOUCHE DE LACTOBACILLUS PARACASEI ET SON UTILISATION
  - [72] SUGIYAMA, MASANORI, JP
  - [73] SONE FARM CO., LTD.,
  - [85] 2019-01-30
  - [86] 2018-05-28 (PCT/JP2018/020333)
  - [87] (WO2018/225556)
  - [30] JP (2017-114171) 2017-06-09
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[13] C

- [51] Int.Cl. B03D 1/02 (2006.01) C22B 1/00 (2006.01)
  - [25] EN
  - [54] FLOTATION OILS, PROCESSES AND USES THEREOF
  - [54] HUILES DE FLOTTAISON, PROCEDES ET UTILISATIONS ASSOCIEES
  - [72] WHEELER, LUCIE B., CA
  - [72] WHEELER, CHARLES, CA
  - [73] ENVIROLLEA INC.,
  - [86] (3032769)
  - [87] (3032769)
  - [22] 2019-02-04
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[11] **3,036,533**  
[13] C

- [51] Int.Cl. G10L 17/04 (2013.01) G10L 17/18 (2013.01)
  - [25] EN
  - [54] END-TO-END SPEAKER RECOGNITION USING DEEP NEURAL NETWORK
  - [54] RECONNAISSANCE DE LOCUTEUR DE BOUT EN BOUT A L'AIDE D'UN RESEAU NEURONAL PROFOND
  - [72] KHOURY, ELIE, US
  - [72] GARLAND, MATTHEW, US
  - [73] PINDROP SECURITY, INC.,
  - [85] 2019-03-11
  - [86] 2017-09-11 (PCT/US2017/050927)
  - [87] (WO2018/049313)
  - [30] US (15/262,748) 2016-09-12
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[13] C

- [51] Int.Cl. C08L 23/12 (2006.01) C08K 7/02 (2006.01) C08K 7/06 (2006.01) C08K 7/14 (2006.01) C08L 51/06 (2006.01)
  - [25] EN
  - [54] FIBER REINFORCED POLYPROPYLENE COMPOSITE
  - [54] COMPOSITE DE POLYPROPYLENE RENFORCE PAR DES FIBRES
  - [72] LUMMERSTORFER, THOMAS, AT
  - [72] JERABEK, MICHAEL, AT
  - [72] HOCHRADL, STEFAN, AT
  - [72] PRETSCHUH, CLAUDIA, AT
  - [72] RENNER, KAROLY, HU
  - [72] SOBCZAK, LUKAS, AT
  - [72] STOCKREITER, WOLFGANG, AT
  - [72] PUKANSZKY, BELA, HU
  - [72] MOCZO, JANOS, HU
  - [73] BOREALIS AG,
  - [85] 2019-03-15
  - [86] 2017-10-16 (PCT/EP2017/076283)
  - [87] (WO2018/073146)
  - [30] EP (16194175.2) 2016-10-17
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[13] C

- [51] Int.Cl. A61L 26/00 (2006.01)
- [25] EN
- [54] POLYMER PARTICLES
- [54] PARTICULES POLYMERES
- [72] HINCAPIE, GLORIA, US
- [72] WU, XINPING, US
- [72] WU, YUE, US
- [72] CRUISE, GREGORY M., US
- [73] TERUMO CORPORATION,
- [85] 2019-03-27
- [86] 2017-09-28 (PCT/US2017/054118)
- [87] (WO2018/064390)
- [30] US (62/401,091) 2016-09-28
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[13] C

- [51] Int.Cl. H02S 40/10 (2014.01) H02S 40/12 (2014.01)
  - [25] EN
  - [54] SYSTEM AND METHOD FOR DEBRIS REMOVAL
  - [54] SYSTEME ET PROCEDE D'ELIMINATION DE DEBRIS
  - [72] NOVOTNY, PETER R., CA
  - [72] KULCHECKI, LAYNE, CA
  - [73] SNOLAR TECHNOLOGIES LTD.,
  - [85] 2019-04-30
  - [86] 2017-10-31 (PCT/IB2017/056773)
  - [87] (WO2018/083598)
  - [30] US (62/415,714) 2016-11-01
  - [30] US (62/533,196) 2017-07-17
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[13] C

- [51] Int.Cl. C10G 2/00 (2006.01) B01D 53/62 (2006.01) C01B 3/02 (2006.01) C10L 1/06 (2006.01) C10L 1/08 (2006.01)
- [25] EN
- [54] PROCESS AND CATALYST SYSTEM FOR THE PRODUCTION OF HIGH QUALITY SYNGAS FROM LIGHT HYDROCARBONS AND CARBON DIOXIDE
- [54] PROCEDE ET SYSTEME DE CATALYSEUR POUR LA PRODUCTION DE GAZ DE SYNTHESE DE HAUTE QUALITE A PARTIR D'HYDROCARBURES LEGERS ET DE DIOXYDE DE CARBONE
- [72] SCHUETZLE, DENNIS, US
- [72] SCHUETZLE, ROBERT, US
- [73] GREYROCK TECHNOLOGY, LLC,
- [86] (3048715)
- [87] (3048715)
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[25] EN  
[54] CONTROL METHOD FOR FUEL CELL SYSTEM, AND FUEL CELL SYSTEM  
[54] PROCEDE DE COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE ET SYSTEME DE PILE A COMBUSTIBLE  
[72] KAWABUCHI, MARI, JP  
[72] SONG, DONG, JP  
[72] FUKUYAMA, YOSUKE, JP  
[73] NISSAN MOTOR CO., LTD.,  
[85] 2019-07-09  
[86] 2017-01-10 (PCT/JP2017/000483)  
[87] (WO2018/131071)
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[11] 3,051,382  
[13] C

- [51] Int.Cl. B60L 9/18 (2006.01)  
[25] EN  
[54] CONTROL METHOD FOR ELECTRIC VEHICLE AND CONTROL DEVICE FOR ELECTRIC VEHICLE  
[54] PROCEDE DE COMMANDE DE VEHICULE ELECTRIQUE ET DISPOSITIF DE COMMANDE  
[72] KUJUBU, NAOTERU, JP  
[72] SHINDO, IKUMA, JP  
[72] SUZUKI, TATSUYA, JP  
[73] NISSAN MOTOR CO., LTD.,  
[85] 2019-07-23  
[86] 2017-01-24 (PCT/JP2017/002384)  
[87] (WO2018/138781)
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[11] 3,051,516  
[13] C

- [51] Int.Cl. B25J 19/00 (2006.01)  
[25] EN  
[54] AN INDUSTRIAL ROBOT AND A DEVICE FOR TRANSFERRING MEDIA FROM THE ROBOT TO A TOOL  
[54] ROBOT INDUSTRIEL ET DISPOSITIF PERMETTANT DE TRANSFERER DES SUPPORTS DU ROBOT A UN OUTIL  
[72] JOHANNESON, MORGAN, SE  
[73] ROBOTAUTOMATION SVENSKA AB,  
[85] 2019-07-24  
[86] 2018-02-06 (PCT/EP2018/052888)  
[87] (WO2018/162163)  
[30] SE (1750250-1) 2017-03-06
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[11] 3,054,346  
[13] C

- [51] Int.Cl. B60B 30/02 (2006.01) B60B 33/00 (2006.01)  
[25] EN  
[54] CART WHEEL ASSEMBLY WITH REPLACEABLE TIRE  
[54] ENSEMBLE ROUE DE CHARIOT COMPRENANT UN PNEU REMPLACABLE  
[72] BATEMAN, WILLIAM J., JR., US  
[72] RACKERS, KEVIN J., US  
[72] RACKERS, NATHAN J., US  
[72] RAYNA, SEAN JOSEPH, US  
[73] GOWHEELS, INC.,  
[85] 2019-08-21  
[86] 2018-07-26 (PCT/US2018/043981)  
[87] (WO2019/023514)  
[30] US (62/537,403) 2017-07-26
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[13] C

- [51] Int.Cl. H04J 14/02 (2006.01)  
[25] EN  
[54] SYSTEM AND METHODS FOR COHERENT PON ARCHITECTURE AND BURST-MODE RECEPTION  
[54] SYSTEME ET PROCEDES POUR UNE ARCHITECTURE PON COHERENTE ET UNE RECEPTION EN MODE RAFALE  
[72] JIA, ZHENSHENG, US  
[72] CAMPOS, LUIS ALBERTO, US  
[72] KNITTLE, CURTIS DEAN, US  
[73] CABLE TELEVISION LABORATORIES, INC.,  
[85] 2019-09-24  
[86] 2018-03-23 (PCT/US2018/024117)  
[87] (WO2018/175946)  
[30] US (62/476,403) 2017-03-24

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[11] 3,055,128  
[13] C

- [51] Int.Cl. C09K 8/68 (2006.01) E21B 43/26 (2006.01)  
[25] EN  
[54] HIGH TEMPERATURE-RESISTANCE FULLY-SUSPENDED LOW-DAMAGE FRACTURING FLUID AND PREPARING METHOD THEREOF  
[54] FLUIDE DE FRACTURATION A FAIBLE ENDOMMAGEMENT ENTIEREMENT SUSPENDU A THERMORESISTANCE ELEVEE ET SON PROCEDE DE PREPARATION  
[72] LIU, TONGYI, CN  
[72] CHEN, GUANGJIE, CN  
[72] TAN, KUN, CN  
[72] LIN, BO, CN  
[72] WEI, JUN, CN  
[72] DAI, XIULAN, CN  
[72] WU, ZHENG, CN  
[73] SICHUAN AAOSAIDE MATERIAL TECHNOLOGY CO., LTD.,  
[73] CHENGDU BAICHUN PETROLEUM TECHNOLOGY CO., LTD.,  
[86] (3055128)  
[87] (3055128)  
[22] 2019-09-12  
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April 5, 2020 to April 11, 2020

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5 avril 2020 au 11 avril 2020

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[21] **3,018,462**  
[13] A1

[51] Int.Cl. B42D 15/02 (2006.01)  
[25] EN  
[54] GREETING CARDS AS AN INVESTMENT  
[54] CARTES DE VOEUX EN TANT QU'INVESTISSEMENT  
[72] UNKNOWN, XX  
[71] PHAGOO, HEERALALL H. P., CA  
[22] 2018-10-09  
[41] 2020-04-09

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[21] **3,019,962**  
[13] A1

[51] Int.Cl. A61K 8/37 (2006.01) A61Q 15/00 (2006.01)  
[25] EN  
[54] A METHOD FOR FIGHTING FEMALE BODY ODORS  
[54] METHODE POUR COMBATTRE LES ODEURS CORPORELLES FEMININES  
[72] PRIGGE, KATHARINE, US  
[72] MCDERMOTT, KEITH, US  
[72] PONZONI, JOSEPH, US  
[72] SINGER, MARCO, DE  
[71] SYMRISE AG, DE  
[22] 2018-10-05  
[41] 2020-04-05

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[13] A1

[51] Int.Cl. C12N 9/90 (2006.01) A61K 47/66 (2017.01) A61K 38/17 (2006.01) A61P 25/00 (2006.01) C07K 7/08 (2006.01) C07K 14/16 (2006.01) C07K 14/47 (2006.01) C07K 14/72 (2006.01) C07K 19/00 (2006.01) G01N 33/48 (2006.01) G01N 33/566 (2006.01)  
[25] EN  
[54] METHODS FOR DIAGNOSING OR TREATING POST-TRAUMATIC STRESS DISORDER, AND COMPOSITIONS THEREFOR  
[54] METHODES DE DIAGNOSTIC ET DE TRAITEMENT DE TROUBLE DE STRESS POST-TRAUMATIQUE ET COMPOSITIONS S'Y RAPPORTANT  
[72] LIU, FANG, CA  
[72] LI, HAIYIN, CA  
[71] CENTRE FOR ADDICTION AND MENTAL HEALTH, CA  
[22] 2018-10-05  
[41] 2020-04-05

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[21] **3,019,991**  
[13] A1

[51] Int.Cl. E06B 1/70 (2006.01)  
[25] EN  
[54] WINDOW SILL PANS AND METHODS OF INSTALLATION OF SAME  
[54] APPUIS DE FENETRE ET METHODES D'INSTALLATION DE CEUX-CI  
[72] ROUNG, ANDREW, CA  
[71] GREEN SILL INC., CA  
[22] 2018-10-05  
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[21] **3,019,992**  
[13] A1

[51] Int.Cl. F16B 13/13 (2006.01) E21D 21/00 (2006.01)  
[25] EN  
[54] SELF-UNDERCUT EXPANSION ANCHOR SYSTEM WITH IMPROVED CUTTERS  
[54] SYSTEME D'INSERTION DE CHEVILLE A EXPANSION A CHAMBRAGE AUTOMATIQUE AVEC DES DISPOSITIFS DE COUPE AMELIORES  
[72] COUSINEAU, ROBERT, CA  
[71] COUSINEAU, ROBERT, CA  
[22] 2018-10-05  
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[21] **3,019,993**  
[13] A1

[51] Int.Cl. C03B 33/03 (2006.01) C03B 33/037 (2006.01)  
[25] EN  
[54] WATER JET MACHINE FOR CUTTING FLAT GLASS  
[54] MACHINE A JET D'EAU POUR LA COUPE DE VERRE PLAT  
[72] LAMEZON, MARCELO PERI, BR  
[71] LAMEZON, MARCELO PERI, BR  
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**Canadian Applications Open to Public Inspection**  
**April 5, 2020 to April 11, 2020**

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<p style="text-align: right;">[21] <b>3,020,011</b>  [13] A1</p> <p>[51] Int.Cl. A61B 5/0295 (2006.01)</p> <p>[25] EN</p> <p>[54] IMPROVED PLETHYSMOGRAPH</p> <p>[54] PLETHYSMOGRAPHE AMELIORE</p> <p>[72] ALTMEJD, SIMON, CA</p> <p>[72] ROBICHAUD, ANNICK, CA</p> <p>[72] UROVITCH, ILAN BENJAMIN, CA</p> <p>[72] GARZON, CAMILO GUEVARA, CA</p> <p>[71] SCIREQ - SCIENTIFIC RESPIRATORY EQUIPMENT, CA</p> <p>[22] 2018-10-05</p> <p>[41] 2020-04-05</p>	<p style="text-align: right;">[21] <b>3,020,016</b>  [13] A1</p> <p>[51] Int.Cl. G06Q 40/08 (2012.01) G06T 7/00 (2017.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR VERIFYING IMAGE DATA OF A VEHICLE</p> <p>[54] SYSTEME ET PROCEDE DE VERIFICATION DE DONNEES D'IMAGE D'UN VEHICULE</p> <p>[72] KURUVILLA, DENNY DEVASIA, CA</p> <p>[72] GJINI, ESLI, CA</p> <p>[72] REEVE, SARAH, CA</p> <p>[72] PANAJ, HARJOT SINGH, CA</p> <p>[72] SETO, JUSTIN, CA</p> <p>[72] FETH, NAOMI SARAH, CA</p> <p>[72] THAKUR, ANURAG, CA</p> <p>[71] THE TORONTO-DOMINION BANK, CA</p> <p>[22] 2018-10-05</p> <p>[41] 2020-04-05</p>	<p style="text-align: right;">[21] <b>3,020,030</b>  [13] A1</p> <p>[51] Int.Cl. G06Q 40/08 (2012.01) G06T 7/00 (2017.01) H04L 12/16 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR PROVIDING PHOTO-BASED ESTIMATION</p> <p>[54] SYSTEME ET PROCEDE POUR FOURNIR UNE ESTIMATION SUR LA BASE D'UNE PHOTO</p> <p>[72] KURUVILLA, DENNY DEVASIA, CA</p> <p>[72] GJINI, ESLI, CA</p> <p>[72] REEVE, SARAH, CA</p> <p>[72] PANAJ, HARJOT SINGH, CA</p> <p>[72] SETO, JUSTIN, CA</p> <p>[72] FETH, NAOMI SARAH, CA</p> <p>[72] THAKUR, ANURAG, CA</p> <p>[71] THE TORONTO-DOMINION BANK, CA</p> <p>[22] 2018-10-05</p> <p>[41] 2020-04-05</p>

**Demandes canadiennes mises à la disponibilité du public**  
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<p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,033</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. F25D 3/00 (2006.01) B65D 25/04 (2006.01) B65D 25/10 (2006.01) B65D 81/18 (2006.01)</p> <p>[25] EN</p> <p>[54] REFRIGERATED GEL PACK DIVIDER FOR KEEPING BEVERAGE BOTTLES COOL DURING BEVERAGE BOX TRANSPORT</p> <p>[54] DIVISEUR DE SACHET DE GEL REFRIGERE POUR GARDER FROIDES LES BOUTEILLES DE BOISSON PENDANT LE TRANSPORT DES BOITES A BOIRE</p> <p>[72] GOSSELIN, BENOIT, CA</p> <p>[71] WINE WARDEN LTD, CA</p> <p>[22] 2018-10-05</p> <p>[41] 2020-04-05</p>	<p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,084</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G05B 15/02 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD TO REMOTELY CONTROL MULTIPLE INDIVIDUALLY LOGGED-IN DEVICES AS A GROUP</p> <p>[54] PROCEDE POUR TELECOMMANDER DE MULTIPLES DISPOSITIFS CONNECTES INDIVIDUELLEMENT EN TANT QUE GROUPE</p> <p>[72] DE LA FUENTE SANCHEZ, ALFONSO F., CA</p> <p>[71] DE LA FUENTE SANCHEZ, ALFONSO F., CA</p> <p>[22] 2018-10-09</p> <p>[41] 2020-04-09</p>	<p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,110</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B65G 65/40 (2006.01) A01F 25/20 (2006.01)</p> <p>[25] EN</p> <p>[54] METERING DEVICE AND ASSOCIATED UNLOADING METHODS FOR HOPPER-BOTTOMED STORAGE BINS</p> <p>[54] APPAREIL DE MESURE ET METHODES DE DECHARGEMENT ASSOCIEES POUR DES SILOS DE STOCKAGE A FOND CONIQUE</p> <p>[72] KOOP, FRANK, CA</p> <p>[72] RIDDELL, CRAIG, CA</p> <p>[71] C.T. RIDDELL FARM (2000) LTD., CA</p> <p>[22] 2018-10-09</p> <p>[41] 2020-04-09</p>
<p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,076</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C12Q 1/6827 (2018.01) C12Q 1/6813 (2018.01) C12Q 1/6816 (2018.01) C12Q 1/6886 (2018.01) G01N 33/58 (2006.01)</p> <p>[25] EN</p> <p>[54] PERSONALIZED THERAPEUTIC APPROACHES TO PROSTATE CANCER</p> <p>[54] METHODES THERAPEUTIQUES PERSONNALISEES POUR LE CANCER DE LA PROSTATE</p> <p>[72] LAPOLINTE, JACQUES, CA</p> <p>[72] BRAMHECHA, YOGESH M., CA</p> <p>[71] THE ROYAL INSTITUTE FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA</p> <p>[22] 2018-10-05</p> <p>[41] 2020-04-05</p>	<p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,105</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B25H 1/00 (2006.01) A47F 7/00 (2006.01) B44D 3/00 (2006.01) E06B 7/28 (2006.01) F16M 13/00 (2006.01)</p> <p>[25] EN</p> <p>[54] DEVICE FOR MAINTAINING A PLURALITY OF DOORS IN AN UPRIGHT POSITION, AND METHOD</p> <p>[54] DISPOSITIF DE MAINTIEN D'UN GRAND NOMBRE DE PORTES EN POSITION VERTICALE, ET PROCEDE</p> <p>[72] ST. JOHN, MARCEL, CA</p> <p>[71] 637894 ONTARIO INC., CA</p> <p>[22] 2018-10-09</p> <p>[41] 2020-04-09</p>	<p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,123</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. F03G 7/10 (2006.01) F03G 3/00 (2006.01) H02N 99/00 (2006.01)</p> <p>[25] EN</p> <p>[54] "MAGNETIC SPIN CRANK" - APPARATUS FOR IMPROVING EFFICIENCY OF ROTARY MOTION AND METHOD OF USE</p> <p>[54] « MANIVELLE MAGNETIQUE A ROTATION » - APPAREIL POUR AMELIORER L'EFFICACITE D'UN MOUVEMENT ROTATIF ET METHODE D'UTILISATION</p> <p>[72] YOUNG, WARREN S., CA</p> <p>[71] YOUNG, WARREN S., CA</p> <p>[22] 2018-10-09</p> <p>[41] 2020-04-09</p>
<p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,083</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A61G 99/00 (2006.01)</p> <p>[25] EN</p> <p>[54] RECYCLED DURABLE MEDICAL EQUIPMENT(RDME)</p> <p>[54] EQUIPEMENT MEDICAL DURABLE RECYCLE</p> <p>[72] MAH, JEFFREY S., CA</p> <p>[71] MAH, JEFFREY S., CA</p> <p>[22] 2018-10-09</p> <p>[41] 2020-04-09</p>	<p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,135</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. E04C 1/00 (2006.01) B64G 99/00 (2009.01) E04H 6/44 (2006.01)</p> <p>[25] EN</p> <p>[54] ELECTRONIC AND MECHANICAL CONSTRUCTION BUILDING BRICK</p> <p>[54] BRIQUE DE CONSTRUCTION POUR OUVRAGES DE CONSTRUCTION MECANIQUES OU ELECTRONIQUES</p> <p>[72] ASATI, RAMAN KUMAR, CA</p> <p>[71] ASATI, RAMAN KUMAR, CA</p> <p>[22] 2018-10-09</p> <p>[41] 2020-04-09</p>	

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**April 5, 2020 to April 11, 2020**

<p style="text-align: right;">[21] 3,020,143 [13] A1</p> <p>[51] Int.Cl. H04M 3/436 (2006.01) H04M 3/533 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR LIMITING INCOMING SPAM CALLS</p> <p>[54] SYSTEME ET PROCEDE DE LIMITATION D'APPELS INDESIRABLES ENTRANTS</p> <p>[72] BIDULOCK, BRIAN F.G., CA</p> <p>[72] HOLE, GORDON L., CA</p> <p>[72] SEVERSON, MARVIN J., CA</p> <p>[71] TELUS COMMUNICATIONS INC., CA</p> <p>[22] 2018-10-09</p> <p>[41] 2020-04-09</p>	<p style="text-align: right;">[21] 3,020,210 [13] A1</p> <p>[51] Int.Cl. F03D 1/06 (2006.01) F01D 5/20 (2006.01) F04D 29/38 (2006.01)</p> <p>[25] EN</p> <p>[54] AERODYNAMIC REGULATION OF AIRSCREW, FAN AND WIND TURBINE BLADES WITH BORES AND/OR CUTTING AND/OR NOTCHING</p> <p>[54] REGULATION AERODYNAMIQUE DE PALES D'HELICE, DE SOUFFLANTE ET D'EOLIENNE AVEC DES ALESAGES ET/OU UNE COUPE ET/OU UN CRANTAGE</p> <p>[72] CIRUS, ROBERT, HU</p> <p>[72] NYIRI, ATTILA, HU</p> <p>[72] CIRUS, NORBERT, HU</p> <p>[71] CIRUS, ROBERT, HU</p> <p>[71] NYIRI, ATTILA, HU</p> <p>[71] CIRUS, NORBERT, HU</p> <p>[22] 2018-10-10</p> <p>[41] 2020-04-10</p>	<p style="text-align: right;">[21] 3,020,246 [13] A1</p> <p>[51] Int.Cl. E02D 31/02 (2006.01) E02D 19/02 (2006.01) E02D 27/01 (2006.01) E04B 1/64 (2006.01)</p> <p>[25] EN</p> <p>[54] DEVICE AND METHOD FOR KEEPING WATER AWAY FROM A CONCRETE SLAB SITTING ON A FOOTING</p> <p>[54] DISPOSITIF ET PROCEDE VISANT A ELOIGNER L'EAU DES DALLES DE BETON REPOSANT SUR UNE SEMELLE</p> <p>[72] NICOLAS, MARCEL, CA</p> <p>[71] NICOLAS, MARCEL, CA</p> <p>[22] 2018-10-10</p> <p>[41] 2020-04-10</p>
<p style="text-align: right;">[21] 3,020,145 [13] A1</p> <p>[51] Int.Cl. G16Z 99/00 (2019.01)</p> <p>[25] EN</p> <p>[54] AI ENGINE DATABASE THAT INSTANTLY CURATES MUSIC PLAYLISTS BASED ON USER'S TEMPORARY EXPERIENCE REQUIREMENT</p> <p>[54] BASE DE DONNEES DE LOGICIELS D'INTELLIGENCE ARTIFICIELLE QUI FOURNIT INSTANTANEMENT DES LISTES DE LECTURE DE MUSIQUE EN FONCTION DE L'EXIGENCE TEMPORAIRE RELATIVE A L'EXPERIENCE DE L'UTILISATEUR</p> <p>[72] DE LA FUENTE SANCHEZ, ALFONSO F., CA</p> <p>[71] DE LA FUENTE SANCHEZ, ALFONSO F., CA</p> <p>[22] 2018-10-09</p> <p>[41] 2020-04-09</p>	<p style="text-align: right;">[21] 3,020,243 [13] A1</p> <p>[51] Int.Cl. A61K 9/14 (2006.01) C12N 15/113 (2010.01) A61K 47/69 (2017.01) A61K 9/127 (2006.01) A61K 31/713 (2006.01) A61P 31/12 (2006.01) A61P 31/22 (2006.01) C12N 5/10 (2006.01) C12N 15/11 (2006.01) C12N 15/87 (2006.01)</p> <p>[25] EN</p> <p>[54] EXOSOMES CARRYING ICP4-TARGETING MIRNA, PHARMACEUTICAL COMPOSITIONS AND METHODS FOR TREATING HSV INFECTION</p> <p>[54] EXOSOMES PORTANT UN MICRO-ARN QUI CIBLE LA PROTEINE CELLULAIRE INFECTEE-4 (ICP4), COMPOSITIONS PHARMACEUTIQUES ET METHODES DE TRAITEMENT D'UNE INFECTION CAUSEE PAR LE VIRUS DE L'HERPES SIMPLEX (VHS)</p> <p>[72] CHEN, XIAOQING, CN</p> <p>[72] ROIZMAN, BERNARD, CN</p> <p>[72] ZHOU, GRACE GUOYING, CN</p> <p>[71] IMMIVIRA CO., LIMITED, CN</p> <p>[22] 2018-10-09</p> <p>[41] 2020-04-09</p>	<p style="text-align: right;">[21] 3,020,264 [13] A1</p> <p>[51] Int.Cl. A63B 71/12 (2006.01)</p> <p>[25] EN</p> <p>[54] JT SLIDE</p> <p>[54] GLISSE JT</p> <p>[72] JUDGE, RAJESH, CA</p> <p>[71] JUDGE, RAJESH, CA</p> <p>[22] 2018-10-11</p> <p>[41] 2020-04-11</p>
<p style="text-align: right;">[21] 3,020,148 [13] A1</p> <p>[51] Int.Cl. A61F 5/00 (2006.01) A61F 5/08 (2006.01) A61F 13/12 (2006.01)</p> <p>[25] EN</p> <p>[54] EXTERNAL NOSE BLEED STOPPER</p> <p>[54] BOUCHON EXTERNE CONTRE LES SAIGNEMENTS DE NEZ</p> <p>[72] LEVY, JORDAN T., CA</p> <p>[71] LEVY, JORDAN T., CA</p> <p>[22] 2018-10-09</p> <p>[41] 2020-04-09</p>	<p style="text-align: right;">[21] 3,020,286 [13] A1</p> <p>[51] Int.Cl. B65F 1/14 (2006.01) B65D 33/02 (2006.01)</p> <p>[25] EN</p> <p>[54] THE SLEEVE - A DEVICE AND METHOD TO DISPOSE OF GRASS, BRANCHES OR CONSTRUCTION MATERIAL</p> <p>[54] LA MANCHETTE - DISPOSITIF ET METHODE D'ALIENATION D'HERBES, DE BRANCHES OU DE MATERIAUX DE CONSTRUCTION</p> <p>[72] EMACK, JOHN, CA</p> <p>[71] EMACK, JOHN, CA</p> <p>[22] 2018-10-09</p> <p>[41] 2020-04-09</p>	

## Demandes canadiennes mises à la disponibilité du public

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<p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,377</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G06Q 30/00 (2012.01) G06Q 20/00 (2012.01)</p> <p>[25] EN</p> <p>[54] <b>VALUE-ADDED SERVICES ENABLED BY A CLOUD-BASED PAYMENT SYSTEM</b></p> <p>[54] <b>SERVICES A VALEUR AJOUTEE ACTIVES PAR UN SYSTEME DE PAIEMENT EN NUAGE</b></p> <p>[72] ECKER, JEFFREY AARON, CA</p> <p>[72] GLEESON, BRYAN MICHAEL, CA</p> <p>[72] MCPHEE, ADAM DOUGLAS, CA</p> <p>[72] WAKIM, MATTIA, CA</p> <p>[72] ODOBETSKIY, KYRYLL, CA</p> <p>[72] LEE, JOHN JONG SUK, CA</p> <p>[71] THE TORONTO-DOMINION BANK, CA</p> <p>[22] 2018-10-11</p> <p>[41] 2020-04-10</p> <p>[30] US (16/156,508) 2018-10-10</p> <hr/> <p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,384</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G06Q 30/02 (2012.01)</p> <p>[25] EN</p> <p>[54] <b>AUTOMATED SOLUTION FOR LOYALTY REWARDS POINTS</b></p> <p>[54] <b>SOLUTION AUTOMATISEE POUR POINTS DE RECOMPENSE DE FIDELITE</b></p> <p>[72] BLOY, ADRIAN, CA</p> <p>[72] MULLENAX, DANIELLE MARIE, CA</p> <p>[72] ELIA, DOMENIC, CA</p> <p>[72] TAGGART, MICHAEL JAMES, CA</p> <p>[72] LEISHER, LANCE LUCAS, CA</p> <p>[72] MACLVER, ARLENE LORI, CA</p> <p>[72] JEWER, CHRISTIANE, CA</p> <p>[72] WARTY, AMEYA, CA</p> <p>[72] FINDLATOR, JAVON TAVOY, CA</p> <p>[72] MULLEN, SEAN MICHAEL, CA</p> <p>[72] CALLENDER, STACEY-ANNE, CA</p> <p>[72] MACDONALD, JEFFREY, CA</p> <p>[72] HANNA, SHEIRLINE, CA</p> <p>[71] THE TORONTO-DOMINION BANK, CA</p> <p>[22] 2018-10-11</p> <p>[41] 2020-04-10</p> <p>[30] US (16/156,858) 2018-10-10</p>	<p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,391</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G06Q 40/02 (2012.01)</p> <p>[25] EN</p> <p>[54] <b>MODIFYING EXISTING INSTRUMENTS WITHOUT ISSUANCE OF NEW PHYSICAL CARD</b></p> <p>[54] <b>MODIFICATION D'INSTRUMENTS EXISTANTS SANS DELIVRANCE DE NOUVELLE CARTE PHYSIQUE</b></p> <p>[72] BLOY, ADRIAN, CA</p> <p>[72] CHEUNG, DANIEL LAM TIN, CA</p> <p>[72] MALEKI, ASGAR, CA</p> <p>[72] TAGGART, MICHAEL JAMES, CA</p> <p>[71] THE TORONTO-DOMINION BANK, CA</p> <p>[22] 2018-10-11</p> <p>[41] 2020-04-11</p> <p>[30] US (16/157,332) 2018-10-11</p> <hr/> <p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,463</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B67D 7/08 (2010.01) B67D 7/60 (2010.01) A47K 5/12 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>FLUID DISPENSER WITH STROKE INDEPENDENT DOSAGE ADJUSTMENT</b></p> <p>[54] <b>DISTRIBUTEUR DE FLUIDE A REGLABLE DE DOSAGE INDEPENDANT DE LA COURSE</b></p> <p>[72] JONES, ANDREW, CA</p> <p>[72] OPHARDT, HEINER, CH</p> <p>[71] OP-HYGIENE IP GMBH, CH</p> <p>[22] 2018-10-11</p> <p>[41] 2020-04-11</p>	<p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,561</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B64D 33/00 (2006.01) B64D 29/00 (2006.01) F01P 1/00 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>HELICOPTER ENGINE COMPARTMENT VENTILATING SYSTEM</b></p> <p>[54] <b>SYSTEME DE VENTILATION DU COMPARTIMENT REACTEUR D'HELICOPTERE</b></p> <p>[72] HENKE, JAMES A., CA</p> <p>[71] HENKE, JAMES A., CA</p> <p>[22] 2018-10-09</p> <p>[41] 2020-04-09</p> <hr/> <p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,603</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B32B 27/04 (2006.01) B32B 7/12 (2006.01) B32B 27/12 (2006.01) B32B 27/28 (2006.01) B32B 37/10 (2006.01) B32B 37/12 (2006.01) B32B 37/15 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>A CAUL BODY AND A METHOD FOR FORMING A COMPOSITE STRUCTURE</b></p> <p>[54] <b>COUSSIN DE PRESSION ET METHODE POUR LA FABRICATION D'UNE STRUCTURE COMPOSITE</b></p> <p>[72] GINGRAS, RICHARD, CA</p> <p>[72] LAURIN, STEPHANE, US</p> <p>[71] BELL HELICOPTER TEXTRON INC., US</p> <p>[22] 2018-10-11</p> <p>[41] 2020-04-08</p> <p>[30] US (16/154,666) 2018-10-08</p>
<p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,384</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G06Q 30/02 (2012.01)</p> <p>[25] EN</p> <p>[54] <b>AUTOMATED SOLUTION FOR LOYALTY REWARDS POINTS</b></p> <p>[54] <b>SOLUTION AUTOMATISEE POUR POINTS DE RECOMPENSE DE FIDELITE</b></p> <p>[72] BLOY, ADRIAN, CA</p> <p>[72] MULLENAX, DANIELLE MARIE, CA</p> <p>[72] ELIA, DOMENIC, CA</p> <p>[72] TAGGART, MICHAEL JAMES, CA</p> <p>[72] LEISHER, LANCE LUCAS, CA</p> <p>[72] MACLVER, ARLENE LORI, CA</p> <p>[72] JEWER, CHRISTIANE, CA</p> <p>[72] WARTY, AMEYA, CA</p> <p>[72] FINDLATOR, JAVON TAVOY, CA</p> <p>[72] MULLEN, SEAN MICHAEL, CA</p> <p>[72] CALLENDER, STACEY-ANNE, CA</p> <p>[72] MACDONALD, JEFFREY, CA</p> <p>[72] HANNA, SHEIRLINE, CA</p> <p>[71] THE TORONTO-DOMINION BANK, CA</p> <p>[22] 2018-10-11</p> <p>[41] 2020-04-10</p> <p>[30] US (16/156,858) 2018-10-10</p>	<p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,463</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B67D 7/08 (2010.01) B67D 7/60 (2010.01) A47K 5/12 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>FLUID DISPENSER WITH STROKE INDEPENDENT DOSAGE ADJUSTMENT</b></p> <p>[54] <b>DISTRIBUTEUR DE FLUIDE A REGLABLE DE DOSAGE INDEPENDANT DE LA COURSE</b></p> <p>[72] JONES, ANDREW, CA</p> <p>[72] OPHARDT, HEINER, CH</p> <p>[71] OP-HYGIENE IP GMBH, CH</p> <p>[22] 2018-10-11</p> <p>[41] 2020-04-11</p>	<p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,561</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B64D 33/00 (2006.01) B64D 29/00 (2006.01) F01P 1/00 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>HELICOPTER ENGINE COMPARTMENT VENTILATING SYSTEM</b></p> <p>[54] <b>SYSTEME DE VENTILATION DU COMPARTIMENT REACTEUR D'HELICOPTERE</b></p> <p>[72] HENKE, JAMES A., CA</p> <p>[71] HENKE, JAMES A., CA</p> <p>[22] 2018-10-09</p> <p>[41] 2020-04-09</p> <hr/> <p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,603</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B32B 27/04 (2006.01) B32B 7/12 (2006.01) B32B 27/12 (2006.01) B32B 27/28 (2006.01) B32B 37/10 (2006.01) B32B 37/12 (2006.01) B32B 37/15 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>A CAUL BODY AND A METHOD FOR FORMING A COMPOSITE STRUCTURE</b></p> <p>[54] <b>COUSSIN DE PRESSION ET METHODE POUR LA FABRICATION D'UNE STRUCTURE COMPOSITE</b></p> <p>[72] GINGRAS, RICHARD, CA</p> <p>[72] LAURIN, STEPHANE, US</p> <p>[71] BELL HELICOPTER TEXTRON INC., US</p> <p>[22] 2018-10-11</p> <p>[41] 2020-04-08</p> <p>[30] US (16/154,666) 2018-10-08</p>
<p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,384</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G06Q 30/02 (2012.01)</p> <p>[25] EN</p> <p>[54] <b>AUTOMATED SOLUTION FOR LOYALTY REWARDS POINTS</b></p> <p>[54] <b>SOLUTION AUTOMATISEE POUR POINTS DE RECOMPENSE DE FIDELITE</b></p> <p>[72] BLOY, ADRIAN, CA</p> <p>[72] MULLENAX, DANIELLE MARIE, CA</p> <p>[72] ELIA, DOMENIC, CA</p> <p>[72] TAGGART, MICHAEL JAMES, CA</p> <p>[72] LEISHER, LANCE LUCAS, CA</p> <p>[72] MACLVER, ARLENE LORI, CA</p> <p>[72] JEWER, CHRISTIANE, CA</p> <p>[72] WARTY, AMEYA, CA</p> <p>[72] FINDLATOR, JAVON TAVOY, CA</p> <p>[72] MULLEN, SEAN MICHAEL, CA</p> <p>[72] CALLENDER, STACEY-ANNE, CA</p> <p>[72] MACDONALD, JEFFREY, CA</p> <p>[72] HANNA, SHEIRLINE, CA</p> <p>[71] THE TORONTO-DOMINION BANK, CA</p> <p>[22] 2018-10-11</p> <p>[41] 2020-04-10</p> <p>[30] US (16/156,858) 2018-10-10</p>	<p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,463</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B67D 7/08 (2010.01) B67D 7/60 (2010.01) A47K 5/12 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>FLUID DISPENSER WITH STROKE INDEPENDENT DOSAGE ADJUSTMENT</b></p> <p>[54] <b>DISTRIBUTEUR DE FLUIDE A REGLABLE DE DOSAGE INDEPENDANT DE LA COURSE</b></p> <p>[72] JONES, ANDREW, CA</p> <p>[72] OPHARDT, HEINER, CH</p> <p>[71] OP-HYGIENE IP GMBH, CH</p> <p>[22] 2018-10-11</p> <p>[41] 2020-04-11</p>	<p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,561</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B64D 33/00 (2006.01) B64D 29/00 (2006.01) F01P 1/00 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>HELICOPTER ENGINE COMPARTMENT VENTILATING SYSTEM</b></p> <p>[54] <b>SYSTEME DE VENTILATION DU COMPARTIMENT REACTEUR D'HELICOPTERE</b></p> <p>[72] HENKE, JAMES A., CA</p> <p>[71] HENKE, JAMES A., CA</p> <p>[22] 2018-10-09</p> <p>[41] 2020-04-09</p> <hr/> <p style="text-align: right; margin-top: -10px;"><b>[21] 3,020,603</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B32B 27/04 (2006.01) B32B 7/12 (2006.01) B32B 27/12 (2006.01) B32B 27/28 (2006.01) B32B 37/10 (2006.01) B32B 37/12 (2006.01) B32B 37/15 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>A CAUL BODY AND A METHOD FOR FORMING A COMPOSITE STRUCTURE</b></p> <p>[54] <b>COUSSIN DE PRESSION ET METHODE POUR LA FABRICATION D'UNE STRUCTURE COMPOSITE</b></p> <p>[72] GINGRAS, RICHARD, CA</p> <p>[72] LAURIN, STEPHANE, US</p> <p>[71] BELL HELICOPTER TEXTRON INC., US</p> <p>[22] 2018-10-11</p> <p>[41] 2020-04-08</p> <p>[30] US (16/154,666) 2018-10-08</p>

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**April 5, 2020 to April 11, 2020**

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<p style="text-align: right;">[21] <b>3,020,750</b>  [13] A1</p> <p>[51] Int.Cl. B01D 24/46 (2006.01) C02F 1/00 (2006.01)</p> <p>[25] EN</p> <p>[54] DEVICES AND METHODS FOR MOVING, REMOVING AND/OR INSTALLING ONE OR MORE COMPONENTS OF A TREATMENT UNIT</p> <p>[54] DISPOSITIFS ET METHODES POUR DEPLACER, RETIRER ET/OU INSTALLER UN OU PLUSIEURS COMPOSANTS D'UNE UNITE DE TRAITEMENT</p> <p>[72] ROBERTS, R. LEE, US</p> <p>[72] ROBERTS, MATTHEW, US</p> <p>[71] ROBERTS MARKETING DE, INC., US</p> <p>[22] 2018-10-15</p> <p>[41] 2020-04-10</p> <p>[30] US (16/156,415) 2018-10-10</p>	<p style="text-align: right;">[21] <b>3,025,151</b>  [13] A1</p> <p>[51] Int.Cl. F03B 11/04 (2006.01) F03B 11/00 (2006.01) F15D 1/02 (2006.01)</p> <p>[25] EN</p> <p>[54] A METHOD TO ENHANCE OPERATION EFFICIENCY OF WATER TURBINES AND TO REDUCE CAVITATION OF COMPONENTS THEREOF</p> <p>[54] METHODE POUR AMELIORER L'EFFICACITE DU FONCTIONNEMENT DE TURBINES HYDRAULIQUES ET POUR REDUIRE LA CAVITATION DES COMPOSANTS DE CELLES-CI</p> <p>[72] LIN, ZUEI-LING, TW</p> <p>[71] LIN, ZUEI-LING, TW</p> <p>[22] 2018-11-22</p> <p>[41] 2020-04-05</p> <p>[30] CN (107135291) 2018-10-05</p>	<p style="text-align: right;">[21] <b>3,031,970</b>  [13] A1</p> <p>[51] Int.Cl. B65D 30/04 (2006.01) D04H 1/435 (2012.01) B65D 33/25 (2006.01) D04H 1/44 (2006.01)</p> <p>[25] EN</p> <p>[54] FULLY-DEGRADABLE HEAT-INSULATING ENVIRONMENTALLY-FRIENDLY PACKAGING BAG FOR EXPRESS DELIVERY</p> <p>[54] SAC D'EMBALLAGE ECOLOGIQUE THERMO-ISOLANT ENTIEREMENT BIODEGRADABLE POUR LIVRAISON EXPRESS</p> <p>[72] MIAO, WENQIU, CN</p> <p>[72] MIAO, GUANGYI, CN</p> <p>[71] WINTERSUN CO., LTD., CN</p> <p>[22] 2019-01-30</p> <p>[41] 2020-04-10</p> <p>[30] CN (201811175132.2) 2018-10-10</p>
<p style="text-align: right;">[21] <b>3,024,806</b>  [13] A1</p> <p>[51] Int.Cl. A01K 97/01 (2006.01) F25C 5/00 (2018.01)</p> <p>[25] EN</p> <p>[54] FISHING ICE HOLE FUNNEL APPARATUS</p> <p>[54] APPAREIL A ENTONNOIR POUR TROU DE PECHE DANS LA GLACE</p> <p>[72] SCHLIEMAN, THOMAS, US</p> <p>[71] SCHLIEMAN, THOMAS, US</p> <p>[22] 2018-11-21</p> <p>[41] 2020-04-10</p> <p>[30] US (16156682) 2018-10-10</p>	<p style="text-align: right;">[21] <b>3,027,773</b>  [13] A1</p> <p>[51] Int.Cl. E21B 43/112 (2006.01) E21B 43/11 (2006.01) E21B 33/129 (2006.01)</p> <p>[25] EN</p> <p>[54] MECHANICAL PERFORATOR</p> <p>[54] PERFORATRICE MECANIQUE</p> <p>[72] HRUPP, JOSE J., US</p> <p>[71] EXACTA-FRAC ENERGY SERVICES, INC., US</p> <p>[22] 2018-12-17</p> <p>[41] 2020-04-09</p> <p>[30] US (16/155,057) 2018-10-09</p>	<p style="text-align: right;">[21] <b>3,033,260</b>  [13] A1</p> <p>[51] Int.Cl. B62D 31/02 (2006.01) B62D 21/12 (2006.01) B62D 65/02 (2006.01)</p> <p>[25] EN</p> <p>[54] MOTOR VEHICLE MODULAR CONSTRUCTION</p> <p>[54] CONSTRUCTION MODULAIRE DE VEHICULE AUTOMOBILE</p> <p>[72] ANDERSON, JOSHUA J., US</p> <p>[72] KUHL, THOMAS A., US</p> <p>[72] ROBERTS, DONALD W., US</p> <p>[71] ARBOC SPECIALTY VEHICLES, LLC, US</p> <p>[22] 2019-02-08</p> <p>[41] 2020-04-11</p> <p>[30] US (62/744,564) 2018-10-11</p>
<p style="text-align: right;">[21] <b>3,028,808</b>  [13] A1</p> <p>[51] Int.Cl. B62D 21/00 (2006.01) B60K 1/00 (2006.01) B60K 1/04 (2019.01) B62D 21/18 (2006.01)</p> <p>[25] EN</p> <p>[54] CHASSIS MOUNTED ASSEMBLIES FOR ELECTRIC OR HYBRID VEHICLES</p> <p>[54] ENSEMBLES MONTES SUR CHASSIS POUR VEHICULES ELECTRIQUES OU HYBRIDES</p> <p>[72] ANGELO, GERALD J., US</p> <p>[72] SPEIRS, BENJAMIN D., US</p> <p>[71] PACCAR INC, US</p> <p>[22] 2019-01-03</p> <p>[41] 2020-04-11</p> <p>[30] US (16/158015) 2018-10-11</p>		

**Demandes canadiennes mises à la disponibilité du public**  
**5 avril 2020 au 11 avril 2020**

<p style="text-align: right;">[21] <b>3,033,698</b>  [13] A1</p> <p>[51] Int.Cl. E21B 23/06 (2006.01) E21B  23/00 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>SETTING TOOLS AND ASSEMBLIES FOR SETTING A DOWNHOLE ISOLATION DEVICE SUCH AS A FRAC PLUG</b></p> <p>[54] <b>OUTILS ET ENSEMBLES DE REGLAGE POUR LA MISE EN PLACE D'UN DISPOSITIF D'ISOLATION DE FOND DE TROU TEL QU'UN BOUCHON DE FRACTURATION</b></p> <p>[72] MICKEY, CLINT, US</p> <p>[72] KENDRICK, KENNETH, US</p> <p>[71] REPEAT PRECISION, LLC, US</p> <p>[22] 2019-02-13</p> <p>[41] 2020-04-10</p> <p>[30] US (62/743,716) 2018-10-10</p> <p>[30] US (62/776,503) 2018-12-07</p>	<p style="text-align: right;">[21] <b>3,041,202</b>  [13] A1</p> <p>[51] Int.Cl. E04H 7/24 (2006.01) A01F  25/14 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>SYSTEM FOR CONNECTION CONTINUITY FOR COMPRESSION RING IN BOLT TOGETHER SILO</b></p> <p>[54] <b>SISTÈME DE CONTINUITÉ DE CONNEXION POUR BAGUE DE COMPRESSION DANS UN SILO A BOULON</b></p> <p>[72] FROESE, ANDREW, CA</p> <p>[72] FEHR, JASON, CA</p> <p>[72] DYCK, AARON, CA</p> <p>[72] PENNER, BENJAMIN, CA</p> <p>[71] MERIDIAN MANUFACTURING INC., CA</p> <p>[22] 2019-04-25</p> <p>[41] 2020-04-10</p> <p>[30] US (16/156359) 2018-10-10</p>	<p style="text-align: right;">[21] <b>3,044,277</b>  [13] A1</p> <p>[51] Int.Cl. H01M 2/04 (2006.01) H01M  2/10 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>BATTERY CONTAINER</b></p> <p>[54] <b>COFFRE DE BATTERIE</b></p> <p>[72] SU, HUANG-WEN, TW</p> <p>[72] YU, WEN-PIN, TW</p> <p>[72] TSAI, SZ-WEI, TW</p> <p>[71] KWANG YANG MOTOR CO., LTD., CN</p> <p>[22] 2019-05-24</p> <p>[41] 2020-04-09</p> <p>[30] TW (107213689) 2018-10-09</p>
<p style="text-align: right;">[21] <b>3,036,840</b>  [13] A1</p> <p>[51] Int.Cl. E21B 34/06 (2006.01) E21B  34/14 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>DOWNHOLE TOOL SYSTEM AND METHOD</b></p> <p>[54] <b>SYSTEME ET PROCEDE POUR OUTIL DE FOND DE PUITS</b></p> <p>[72] ELFAR, TALAL, CA</p> <p>[71] ELFAR, TALAL, CA</p> <p>[22] 2019-03-15</p> <p>[41] 2020-04-08</p> <p>[30] US (16/154,703) 2018-10-08</p>	<p style="text-align: right;">[21] <b>3,041,709</b>  [13] A1</p> <p>[51] Int.Cl. E03D 9/00 (2006.01) A47K  1/00 (2006.01) A47K 4/00 (2006.01)  A47K 11/00 (2006.01) E03D 9/08  (2006.01)</p> <p>[25] EN</p> <p>[54] <b>UNIVERSAL WASHROOM HYGENIC UNIT - NEW MATERIALIZED WASHROOM AND WASHROOM HYGENIC CONCEPTION</b></p> <p>[54] <b>MODULE SANITAIRE UNIVERSEL - NOUVEAU CABINET DE TOILETTE MATERIALISE ET CONCEPTION SANITAIRE</b></p> <p>[72] STANKOVIC, RADE, CA</p> <p>[71] STANKOVIC, RADE, CA</p> <p>[22] 2019-04-30</p> <p>[41] 2020-04-06</p>	<p style="text-align: right;">[21] <b>3,044,730</b>  [13] A1</p> <p>[51] Int.Cl. A61K 31/05 (2006.01) A61K  9/107 (2006.01) C11B 1/00 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>CANNABIDIOL FORMULATIONS AND METHODS OF MAKING AND USING</b></p> <p>[54] <b>FORMULATIONS DE CANNABIDIOL ET PROCEDES DE FABRICATION ET D'UTILISATION</b></p> <p>[72] ZOELLER, MATTHEW, US</p> <p>[72] OPIE, GARRICK, US</p> <p>[71] LITTLE RIVER BAND OF OTTAWA INDIANS, US</p> <p>[22] 2019-05-29</p> <p>[41] 2020-04-08</p> <p>[30] US (62/742,656) 2018-10-08</p>
<p style="text-align: right;">[21] <b>3,040,672</b>  [13] A1</p> <p>[51] Int.Cl. B05B 7/26 (2006.01) B05B  12/00 (2018.01)</p> <p>[25] EN</p> <p>[54] <b>MIX ON DEMAND SMART BACKPACK SPRAYER</b></p> <p>[54] <b>PULVERISATEUR A DOS INTELLIGENT A MELANGE SUR DEMANDE</b></p> <p>[72] FONTAINE, JAMES R., US</p> <p>[72] DUBIEL, DAVID, US</p> <p>[72] ALLIS, MORGAN, US</p> <p>[71] CHAPIN MANUFACTURING, INC., US</p> <p>[22] 2019-04-18</p> <p>[41] 2020-04-10</p> <p>[30] US (16/156,284) 2018-10-10</p>	<p style="text-align: right;">[21] <b>3,044,794</b>  [13] A1</p> <p>[51] Int.Cl. H01R 33/00 (2006.01) H01R  13/62 (2006.01) H02J 7/00 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>BATTERY CONTAINER HAVING A FLOATING CONNECTOR</b></p> <p>[54] <b>COFFRE DE BATTERIE MUNI D'UN CONNECTEUR FLOTANT</b></p> <p>[72] YU, WEN-PIN, CN</p> <p>[72] SU, HUANG-WEN, CN</p> <p>[72] TSAI, SZ-WEI, CN</p> <p>[71] KWANG YANG MOTOR CO., LTD., CN</p> <p>[22] 2019-05-29</p> <p>[41] 2020-04-09</p> <p>[30] TW (107213688) 2018-10-09</p>	

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<p style="text-align: right;">[21] <b>3,045,123</b>  [13] A1</p> <p>[51] Int.Cl. F04F 5/24 (2006.01) F04F 5/46 (2006.01)  [25] EN  [54] AIR LIFT PUMP  [54] POMPE A EMULSION D'AIR  [72] AHMED, WAEL, CA  [71] UNIVERSITY OF GUELPH, CA  [22] 2019-06-04  [41] 2020-04-09  [30] US (62/743,016) 2018-10-09</p> <hr/> <p style="text-align: right;">[21] <b>3,045,823</b>  [13] A1</p> <p>[51] Int.Cl. G10K 11/178 (2006.01) B61D 49/00 (2006.01)  [25] EN  [54] ADAPTIVE NOISE FILTERING IN A LOCOMOTIVE ENVIRONMENT  [54] FILTRAGE ADAPTATIF DU BRUIT DANS UN ENVIRONNEMENT DE LOCOMOTIVES  [72] KURZ, BRIAN E., US  [71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US  [22] 2019-06-11  [41] 2020-04-05  [30] US (16/152,457) 2018-10-05</p> <hr/> <p style="text-align: right;">[21] <b>3,048,221</b>  [13] A1</p> <p>[51] Int.Cl. F16B 15/06 (2006.01)  [25] EN  [54] FASTENER WITH TRANSITION ZONE AND METHOD OF USE  [54] ELEMENT DE FIXATION A ZONE DE TRANSITION ET PROCEDE D'UTILISATION  [72] ZIMMERMAN, STEVE, US  [72] WALWORTH, VAN T., US  [72] DRUMMOND, SCOTT, US  [71] SR SYSTEMS, LLC, US  [22] 2019-06-27  [41] 2020-04-05  [30] US (16/152,844) 2018-10-05</p>	<p style="text-align: right;">[21] <b>3,049,345</b>  [13] A1</p> <p>[51] Int.Cl. E21B 21/10 (2006.01) E21B 34/06 (2006.01)  [25] EN  [54] DOWNHOLE TOOL SYSTEM AND METHOD  [54] SYSTEME ET PROCEDE POUR OUTIL DE FOND DE PUITS  [72] ELFAR, TALAL, CA  [71] ELFAR, TALAL, CA  [22] 2019-07-10  [41] 2020-04-08  [30] US (16/154,703) 2018-10-08  [30] US (16/503,254) 2019-07-03  [30] CA (3036840) 2019-03-15</p> <hr/> <p style="text-align: right;">[21] <b>3,049,437</b>  [13] A1</p> <p>[51] Int.Cl. B26D 7/06 (2006.01) B26D 7/10 (2006.01)  [25] EN  [54] HORIZONTAL CHAR SLICER, SYSTEM AND METHOD  [54] TRANCHEUSE HORIZONTALE A DISPERSION DE CHALEUR, SYSTEME ET METHODE  [72] CELESLIE, CHRISTOPHER, US  [71] KRONOS FOODS CORP., US  [22] 2019-07-12  [41] 2020-04-08  [30] US (16/153,943) 2018-10-08</p> <hr/> <p style="text-align: right;">[21] <b>3,049,803</b>  [13] A1</p> <p>[51] Int.Cl. B64C 1/26 (2006.01) B64F 5/10 (2017.01)  [25] EN  [54] METHOD AND APPARATUS FOR ATTACHING A FUSELAGE FRAME TO A WING BOX  [54] PROCEDE ET APPAREIL PERMETTANT DE FIXER UN CADRE DE FUSELAGE A UN CAISSON DE VOILURE  [72] COMINSKY, KENNETH D., US  [72] BENEKE, BRENT EDWARD, US  [71] THE BOEING COMPANY, US  [22] 2019-07-15  [41] 2020-04-05  [30] US (16/152788) 2018-10-05</p>	<p style="text-align: right;">[21] <b>3,051,343</b>  [13] A1</p> <p>[51] Int.Cl. F02C 7/06 (2006.01) F01D 25/16 (2006.01) F02C 7/28 (2006.01) F16C 33/10 (2006.01)  [25] EN  [54] BEARING HOUSING WITH BAFFLES  [54] LOGEMENT DE PALIER COMPRENANT DES CHICANES  [72] THERATIL, IGNATIUS, CA  [72] ABATE, ALDO, CA  [72] HOULE, NICOLA, CA  [71] PRATT &amp; WHITNEY CANADA CORP., CA  [22] 2019-08-06  [41] 2020-04-11  [30] US (16/196,464) 2018-11-20  [30] US (62/744,417) 2018-10-11</p> <hr/> <p style="text-align: right;">[21] <b>3,051,437</b>  [13] A1</p> <p>[51] Int.Cl. F21L 4/04 (2006.01) F21L 4/02 (2006.01) F21L 4/08 (2006.01) F21K 9/00 (2016.01)  [25] EN  [54] PORTABLE LIGHT  [54] BALADEUSE  [72] CACCIABEVE, ROBERT, US  [71] WALTER R. TUCKER ENTERPRISES, LTD., D/B/A E-Z RED COMPANY, US  [22] 2019-08-08  [41] 2020-04-09  [30] US (62/743,327) 2018-10-09  [30] US (16/426,382) 2019-05-30</p> <hr/> <p style="text-align: right;">[21] <b>3,051,919</b>  [13] A1</p> <p>[51] Int.Cl. G06N 20/00 (2019.01) G06F 16/903 (2019.01) G06F 16/953 (2019.01)  [25] EN  [54] MACHINE LEARNING (ML) BASED EXPANSION OF A DATA SET  [54] EXPANSION D'UN ENSEMBLE DE DONNEES BASEE SUR L'APPRENTISSAGE AUTOMATIQUE  [72] KUMMAMURU, KRISHNA, IN  [72] V, ARJUN ATREYA, IN  [72] LAHIRI, BIBUDH, IN  [71] ACCENTURE GLOBAL SOLUTIONS LIMITED, IE  [22] 2019-08-13  [41] 2020-04-05  [30] IN (201811037760) 2018-10-05  [30] US (16/204,780) 2018-11-29</p>
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[21] 3,052,167

[13] A1

[51] Int.Cl. B32B 7/025 (2019.01) B32B 7/027 (2019.01) B32B 27/04 (2006.01) H01B 1/02 (2006.01) H05K 5/02 (2006.01) H05K 7/20 (2006.01)

[25] EN

[54] COMPOSITE THERMOELECTRIC MATERIAL

[54] MATERIAU THERMOELECTRIQUE COMPOSITE

[72] COSTELLO, JOHN, US

[72] SKERTIC, RICHARD, US

[71] ROLLS-ROYCE CORPORATION, US

[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US

[22] 2019-08-15

[41] 2020-04-11

[30] US (16/157,964) 2018-10-11

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[21] 3,053,350

[13] A1

[51] Int.Cl. A61L 27/50 (2006.01)

[25] EN

[54] MATERIAL FOR 3D PRINTING AND METHOD OF MAKING AND USE OF THE MATERIAL

[54] MATERIAU D'IMPRESSION 3D ET PROCEDE DE FABRICATION ET D'UTILISATION DU MATERIAU

[72] CIVELEK, EMRE, DE

[72] VEIT, THOMAS, DE

[71] DREVE PRODIMED GMBH, DE

[22] 2019-08-28

[41] 2020-04-11

[30] DE (10 2018 125 177.7) 2018-10-11

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[21] 3,053,833

[13] A1

[51] Int.Cl. A01C 7/20 (2006.01) A01B 63/24 (2006.01) A01B 71/02 (2006.01) A01C 5/06 (2006.01)

[25] EN

[54] SYSTEM AND RELATED METHODS FOR MONITORING AND ADJUSTING ACTUAL SEED DEPTHS DURING A PLANTING OPERATION BASED ON SOIL MOISTURE CONTENT

[54] SYSTEME ET METHODES CONNEXES POUR SURVEILLER ET AJUSTER LES PROFONDEURS D'ENSEMENCEMENT REELLES PENDANT UNE OPERATION DE PLANTATION EN FONCTION DE LA TENUE EN HUMIDITE DU SOL

[72] ANTICH, IVAN, US

[71] CNH INDUSTRIAL AMERICA LLC, US

[22] 2019-09-03

[41] 2020-04-05

[30] US (16/152,943) 2018-10-05

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[21] 3,053,843

[13] A1

[51] Int.Cl. A01C 5/06 (2006.01) A01B 63/22 (2006.01)

[25] EN

[54] SYSTEM AND RELATED METHODS FOR MONITORING AND ADJUSTING ACTUAL SEED DEPTHS DURING A PLANTING OPERATION

[54] SYSTEME ET METHODES CONNEXES POUR SURVEILLER ET AJUSTER LES PROFONDEURS D'ENSEMENCEMENT REELLES PENDANT UNE OPERATION DE PLANTATION

[72] ANTICH, IVAN, US

[71] CNH INDUSTRIAL AMERICA LLC, US

[22] 2019-09-03

[41] 2020-04-05

[30] US (16/152,836) 2018-10-05

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[21] 3,053,844

[13] A1

[51] Int.Cl. A01B 71/00 (2006.01) A01C 5/06 (2006.01) A01C 7/20 (2006.01) G01P 1/00 (2006.01)

[25] EN

[54] SYSTEM AND METHOD FOR MONITORING THE PERFORMANCE OF ROTATING GROUND ENGAGING COMPONENTS OF AN AGRICULTURAL IMPLEMENT BASED ON THE ROTATIONAL SPEEDS OF SUCH COMPONENTS

[54] SYSTEME ET METHODE POUR SUIVRE LA PERFORMANCE DE COMPOSANTS ROTATIFS DE MISE EN PRISE AVEC LE SOL D'UNE MACHINE AGRICOLE EN FONCTION DES VITESSES DE ROTATION DE TELS COMPOSANTS

[72] ANDERSON, BRIAN J., US

[72] STANHOPE, TREVOR, US

[72] SCHOENY, CHRISTOPHER, US

[71] CNH INDUSTRIAL AMERICA LLC, US

[22] 2019-09-03

[41] 2020-04-08

[30] US (16/154,126) 2018-10-08

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[21] 3,053,851

[13] A1

[51] Int.Cl. A01C 5/06 (2006.01) A01C 7/20 (2006.01)

[25] EN

[54] SYSTEM AND METHOD FOR CONTROLLING THE SPEED OF A SEED-PLANTING IMPLEMENT BASED ON FURROW CLOSING ASSEMBLY PERFORMANCE

[54] SYSTEME ET METHODE POUR CONTROLER LA VITESSE D'UN OUTIL D'ENSEMENCEMENT SUR LA BASE DES PERFORMANCES D'UN ENSEMBLE DE FERMETURE DE SILLON

[72] SCHOENY, CHRISTOPHER, US

[72] STANHOPE, TREVOR, US

[72] LANDOLT, DARIAN E., US

[71] CNH INDUSTRIAL AMERICA LLC, US

[22] 2019-09-03

[41] 2020-04-09

[30] US (16/155,042) 2018-10-09

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[21] 3,054,142
[13] A1
[51] Int.Cl. G01R 21/133 (2006.01) H02S 99/00 (2014.01) H02J 3/38 (2006.01) H02J 13/00 (2006.01)
[25] EN
[54] SOLAR GENERATION ESTIMATION
[54] ESTIMATION DE LA PRODUCTION D'ENERGIE SOLAIRE
[72] QUINLAN, MICHAEL, US
[71] S&C ELECTRIC COMPANY, US
[22] 2019-09-04
[41] 2020-04-09
[30] US (62/743,186) 2018-10-09

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[21] 3,054,174
[13] A1
[51] Int.Cl. B66D 1/36 (2006.01) B64D 1/00 (2006.01) B66D 1/54 (2006.01)
[25] EN
[54] CABLE OFFSET DETECTION WITH CONTACT
[54] DETECTION DE DECALAGE DU CABLE AVEC CONTACT
[72] MAGHSOODI, BEJAN, US
[71] GOODRICH CORPORATION, US
[22] 2019-09-03
[41] 2020-04-11
[30] US (16/157,347) 2018-10-11

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[21] 3,054,503
[13] A1
[51] Int.Cl. F17C 13/00 (2006.01) F17C 13/08 (2006.01)
[25] EN
[54] PROPANE TANK SEAT ACCESSORY
[54] ACCESOIRE DE SIEGE DE RESERVOIR DE PROPANE
[72] LOBSON, CRAIG, CA
[72] RATCHENSKI, BRYAN, US
[72] MASLOSKI, GARRETT, US
[71] LOBSON, CRAIG, CA
[71] RATCHENSKI, BRYAN, US
[71] MASLOSKI, GARRETT, US
[22] 2019-09-06
[41] 2020-04-09
[30] US (62743047) 2018-10-09

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[21] 3,054,958
[13] A1
[51] Int.Cl. A61L 27/04 (2006.01) A61L 27/58 (2006.01)
[25] EN
[54] ABSORBABLE IMPLANT MATERIAL COMPOSED OF MAGNESIUM OR A MAGNESIUM ALLOY CONTAINING DOPED NANODIAMONDS
[54] MATERIAU D'IMPLANT ABSORBABLE COMPOSE DE MAGNESIUM OU D'UN ALLIAGE DE MAGNESIUM QUI CONTIENT DES NANODIAMANTS DOPES
[72] DIERINGA, HAJO, DE
[71] HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUR MATERIAL-UND KUSTENFORSCHUNG BH, DE
[22] 2019-09-11
[41] 2020-04-10
[30] EP (18199678.6) 2018-10-10

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[21] 3,055,352
[13] A1
[51] Int.Cl. B61L 25/02 (2006.01) B61L 99/00 (2006.01)
[25] EN
[54] METHOD OF TRAIN WHEEL CALIBRATION
[54] PROCEDE D'ETALONNAGE DE ROUE DE WAGON
[72] OSWALD, JAMES A., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2019-09-13
[41] 2020-04-09
[30] US (16/155,050) 2018-10-09

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[21] 3,055,357
[13] A1
[51] Int.Cl. B60R 3/00 (2006.01) B62D 25/22 (2006.01)
[25] EN
[54] TRAILER HITCH STEP ASSEMBLY
[54] ENSEMBLE POUR MARCHE D'ATTELAGE DE REMORQUE
[72] MASANEK, FREDERICK W., JR., US
[71] MACNEIL IP LLC, US
[22] 2019-09-13
[41] 2020-04-09
[30] US (16/154,892) 2018-10-09

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[21] 3,055,524
[13] A1
[51] Int.Cl. A01B 69/00 (2006.01)
[25] EN
[54] SYSTEM AND METHOD FOR MONITORING AN ORIENTATION OF AN AGRICULTURAL IMPLEMENT DURING AN AGRICULTURAL OPERATION
[54] SYSTEME ET METHODE DE SURVEILLANCE D'UNE ORIENTATION D'UNE MACHINE AGRICOLE PENDANT UNE OPERATION AGRICOLE
[72] STANHOPE, TREVOR, US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2019-09-16
[41] 2020-04-10
[30] US (16/156,107) 2018-10-10

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[21] 3,055,846
[13] A1
[51] Int.Cl. F01P 3/00 (2006.01)
[25] EN
[54] ENGINE ASSEMBLY WITH POROUS SURFACE OF BOUNDARY LAYER SUCTION
[54] ENSEMBLE MOTEUR COMPRENANT UNE SURFACE POREUSE D'ASPIRATION DE LA COUCHE LIMITE
[72] THOMASSIN, JEAN, CA
[72] JULIEN, ANDRE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2019-09-17
[41] 2020-04-05
[30] US (62/741,727) 2018-10-05
[30] US (16/199,021) 2018-11-23

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[21] 3,055,857
[13] A1
[51] Int.Cl. F02C 9/18 (2006.01) F02C 3/04 (2006.01) F02C 7/36 (2006.01)
[25] EN
[54] GAS TURBINE ENGINE WITH LOW PRESSURE COMPRESSOR STAGES
[54] TURBINE A GAZ A ETAGES DE COMPRESSEUR BASSE PRESSION
[72] PLANTE, GHISLAIN, CA
[72] MACFARLANE, IAN A., CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2019-09-17
[41] 2020-04-11
[30] US (16/157,476) 2018-10-11

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<p style="text-align: right;"><b>[21] 3,055,928</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H04L 12/16 (2006.01) H04L 12/26 (2006.01) H04L 29/14 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR ADAPTIVE TRAFFIC PATH MANAGEMENT</p> <p>[54] SYSTEME ET METHODE DE GESTION ADAPTATIVE DE LA CIRCULATION DU TRAFIC</p> <p>[72] OSMAN, ALEXANDER, CA</p> <p>[71] SANDVINE CORPORATION, CA</p> <p>[22] 2019-09-19</p> <p>[41] 2020-04-05</p> <p>[30] US (62/741,789) 2018-10-05</p>	<p style="text-align: right;"><b>[21] 3,056,104</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B64C 25/10 (2006.01) B64C 25/26 (2006.01)</p> <p>[25] EN</p> <p>[54] CONFIGURABLE ROTARY ENCODER INCLUDING TWO POINT INFLIGHT AUTO CALIBRATION AND ERROR ADJUSTMENT</p> <p>[54] CODEUR ROTATIF CONFIGURABLE COMPRENNANT L'ETALONNAGE AUTOMATIQUE ET LE RAJUSTEMENT EN CAS D'ERREURS EN DEUX POINTS EN COURS DE VOL</p> <p>[72] BERENBAUM, ARTHUR M., US</p> <p>[72] KEKAN, RAJENDRA S., IN</p> <p>[72] CHOUDHURY, SANAT, IN</p> <p>[72] HILLOOWALA, ROHIN, CA</p> <p>[71] SIMMONDS PRECISION PRODUCTS, INC., US</p> <p>[22] 2019-09-19</p> <p>[41] 2020-04-05</p> <p>[30] IN (201811037756) 2018-10-05</p>	<p style="text-align: right;"><b>[21] 3,056,580</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B65B 55/10 (2006.01) B65B 55/04 (2006.01)</p> <p>[25] EN</p> <p>[54] AN ASEPTIC PACKAGING MACHINE WITH A COLLECTOR CUP FOR A STERILIZER-NOZZLE ASSEMBLY</p> <p>[54] MACHINE DE CONDITIONNEMENT ASEPTIQUE AYANT UN RECIPIENT DE COLLECTE POUR UNE BUSE A MATIERE DE STERILISATION</p> <p>[72] TERVOORT, ARJAN, NL</p> <p>[72] LUIJTEN, MARIJN, NL</p> <p>[71] JBT FOOD &amp; DAIRY SYSTEMS B.V., NL</p> <p>[22] 2019-09-23</p> <p>[41] 2020-04-10</p> <p>[30] NL (2021786) 2018-10-10</p>
<p style="text-align: right;"><b>[21] 3,055,979</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B64D 33/00 (2006.01) B64D 29/00 (2006.01) B64D 33/08 (2006.01) F01P 1/00 (2006.01) F01P 5/08 (2006.01)</p> <p>[25] EN</p> <p>[54] HELICOPTER ENGINE COMPARTMENT VENTILATING SYSTEM</p> <p>[54] SYSTEME DE VENTILATION DE COMPARTIMENT DE MOTEUR D'HELICOPTERE</p> <p>[72] HENKE, JAMES A., CA</p> <p>[71] HENKE, JAMES A., CA</p> <p>[22] 2018-10-09</p> <p>[41] 2020-04-09</p> <p>[62] 3,020,561</p>	<p style="text-align: right;"><b>[21] 3,056,579</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A61L 2/26 (2006.01) A61L 2/18 (2006.01)</p> <p>[25] EN</p> <p>[54] A STERILIZER-FILLER NOZZLE ASSEMBLY FOR AN ASEPTIC PACKAGING MACHINE</p> <p>[54] ASSEMBLAGE DE BUSE DE REMPLISSAGE DE MATIERE DE STERILISATION POUR UNE MACHINE DE CONDITIONNEMENT ASEPTIQUE</p> <p>[72] OVERHUIJS, RUDY JAN, NL</p> <p>[72] LUIJTEN, MARIJN, NL</p> <p>[71] JBT FOOD &amp; DAIRY SYSTEMS B.V., NL</p> <p>[22] 2019-09-23</p> <p>[41] 2020-04-10</p> <p>[30] NL (2021787) 2018-10-10</p>	<p style="text-align: right;"><b>[21] 3,056,646</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. E01H 4/02 (2006.01) E01H 5/00 (2006.01)</p> <p>[25] EN</p> <p>[54] PISTE GROOMING VEHICLE AND METHOD FOR OPERATING A PISTE GROOMING VEHICLE</p> <p>[54] VEHICULE D'ENTRETIEN DE PISTES ET METHODE D'OPERATION DUDIT VEHICULE</p> <p>[72] BETZ, PETER, DE</p> <p>[72] HARGOAA, OLIVIER, FR</p> <p>[72] KUHN, MICHAEL, DE</p> <p>[72] ROTTMAIR, JENS, DE</p> <p>[72] ZIMMERMANN, JONATHAN, DE</p> <p>[71] KASSBOHRER GELANDEFAHRZEUG AG, DE</p> <p>[22] 2019-09-25</p> <p>[41] 2020-04-05</p> <p>[30] DE (102018217049.5) 2018-10-05</p>

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[51] Int.Cl. B60B 39/06 (2006.01)
[25] EN
[54] INTEGRATED ABRASIVE MATERIAL DISPENDING SYSTEM FOR A WHEELED VEHICLE
[54] SYSTEME INTEGRE DE DISTRIBUTION D'ABRASIF POUR UN VEHICULE SUR ROUES
[72] BASTIEN, TOMMY LEE, CA
[71] BASTIEN, TOMMY LEE, CA
[22] 2019-09-26
[41] 2020-04-06
[30] GB (1816331.1) 2018-10-06

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[13] A1
[51] Int.Cl. A01D 51/00 (2006.01) A01D 46/24 (2006.01)
[25] EN
[54] FARM TRACTOR APPARATUS FOR PICKING UP GROUND FALLEN FRUITS
[54] APPAREIL DE TRACTEUR AGRICOLE POUR LE RAMASSAGE DE FRUITS TOMBES SUR LE SOL
[72] MAISONNEUVE, ERIC, CA
[71] MAISONNEUVE, ERIC, CA
[22] 2019-09-26
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[30] GB (1816330.3) 2018-10-06

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[13] A1
[51] Int.Cl. G01N 21/952 (2006.01) G01M 13/023 (2019.01)
[25] EN
[54] AUTOMATED DEFECT DETECTION FOR WIRE ROPE USING IMAGE PROCESSING TECHNIQUES
[54] DETECTION AUTOMATIQUE DE DEFAUTS SUR UN CABLE METALLIQUE AU MOYEN DE TECHNIQUES DE TRAITEMENT D'IMAGES
[72] MAHADEVAPPA, BASAVARAJA KOTYAL, IN
[72] GOYAL, NITIN KUMAR, IN
[72] SLYER, SHYAM SUNDAR, IN
[71] GOODRICH CORPORATION, US
[22] 2019-09-26
[41] 2020-04-10
[30] IN (201811038485) 2018-10-10

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[13] A1
[51] Int.Cl. G01M 3/26 (2006.01) B32B 7/025 (2019.01) B32B 3/24 (2006.01) B32B 27/00 (2006.01) G01M 3/40 (2006.01)
[25] EN
[54] CONDUCTIVE GEOTEXTILE
[54] GEOTEXTILE CONDUCTEUR
[72] MILLS, JAMES A., CA
[71] LAYFIELD GROUP LTD., CA
[22] 2019-09-27
[41] 2020-04-10
[30] US (16/156,807) 2018-10-10

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[13] A1
[51] Int.Cl. A47C 31/00 (2006.01) B32B 7/027 (2019.01) A47C 21/04 (2006.01) A47C 27/00 (2006.01) B32B 5/06 (2006.01) B32B 27/04 (2006.01) B68G 13/00 (2006.01)
[25] EN
[54] TEMPERATURE MANAGEMENT BEDDING SYSTEMS
[54] SYSTEMES DE MATELAS A GESTION DE LA TEMPERATURE
[72] DEFRANKS, MICHAEL STEPHEN, US
[72] GLADNEY, RICHARD F., US
[72] MCGUIRE, SHERI, US
[72] RUEHLMANN, JAMES G., US
[71] DREAMWELL, LTD., US
[22] 2019-09-30
[41] 2020-04-11
[30] US (16/157,596) 2018-10-11

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[21] 3,057,210
[13] A1
[51] Int.Cl. B23P 15/02 (2006.01) F01D 9/02 (2006.01) F01D 25/24 (2006.01) F04D 29/54 (2006.01) F04D 29/64 (2006.01)
[25] EN
[54] DOUBLE ROW COMPRESSOR STATORS
[54] STATORS DE COMPRESSEUR A DOUBLE RANGEE
[72] MACFARLANE, IAN A., CA
[72] TOWNSEND, PETER, CA
[72] YU, HONG, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2019-10-01
[41] 2020-04-05
[30] US (16/153,526) 2018-10-05

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[21] 3,057,233
[13] A1
[51] Int.Cl. H04W 4/02 (2018.01) H04W 12/08 (2009.01) G08C 23/04 (2006.01) H04W 76/14 (2018.01)
[25] EN
[54] PORTABLE WIRELESS AVIONICS INTRA-COMMUNICATION ADAPTER LOCATION SYSTEM
[54] SYSTEME DE LOCALISATION D'UN ADAPTATEUR PORTATIF DE COMMUNICATION WIRELESS AVIONICS INTRA-COMMUNICATION
[72] BALASUBRAMANIAN, RAMESHKUMAR, IN
[72] DUSSA, PULLAIAH, IN
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2019-09-30
[41] 2020-04-10
[30] IN (201811038486) 2018-10-10

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[21] 3,057,341
[13] A1
[51] Int.Cl. B60T 15/54 (2006.01) F16D 65/14 (2006.01)
[25] EN
[54] BRAKING DEVICE
[54] DISPOSITIF DE FREINAGE
[72] WILLIAMSON, DAVID LEE, US
[72] RIVARD, KENNETH PAUL, US
[72] FARGQUE, ZACHARY PAUL, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2019-10-01
[41] 2020-04-10
[30] US (62/743,573) 2018-10-10
[30] US (16/585,292) 2019-09-27

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[21] 3,057,351
[13] A1
[51] Int.Cl. B05C 17/01 (2006.01) B05C 21/00 (2006.01)
[25] EN
[54] DISPENSERS WITH DIVERTER INSERTS
[54] DISTRIBUTRICES COMPORTANT UNE PIECE DE REPARTITION
[72] RUSCH, GERALD A., US
[71] SERVER PRODUCTS, INC., US
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[41] 2020-04-05
[30] US (16/152,511) 2018-10-05

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<p>[21] <b>3,057,364</b>  [13] A1</p> <p>[51] Int.Cl. G06F 16/9032 (2019.01) G06F 16/903 (2019.01) H04L 12/16 (2006.01) H04L 12/24 (2006.01) G06N 7/02 (2006.01)</p> <p>[25] EN</p> <p>[54] IMPROVED PARSING OF USER QUERIES IN A REMOTE NETWORK MANAGEMENT PLATFORM USING LINGUISTIC MATCHING</p> <p>[54] ANALYSE AMELIOREE DES INTERROGATIONS D'UTILISATEUR DANS UNE PLATEFORME DE GESTION DE RESEAU ELOIGNE A L'AIDE DE CORRESPONDANCES LINGUISTIQUES</p> <p>[72] VERTSEL, ALIAKSEI, US</p> <p>[72] KOROLEV, DMITRY, US</p> <p>[72] RUMIANTSOU, MIKHAIL, US</p> <p>[71] SERVICENOW, INC., US</p> <p>[22] 2019-10-02</p> <p>[41] 2020-04-05</p> <p>[30] US (16/539,784) 2019-08-13</p> <p>[30] US (62/741,935) 2018-10-05</p>
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<p>[21] <b>3,057,475</b>  [13] A1</p> <p>[51] Int.Cl. G01N 25/18 (2006.01) G01N 1/42 (2006.01) G01N 1/44 (2006.01)</p> <p>[25] EN</p> <p>[54] TEMPERATURE CONTROL DEVICE AND TEMPERATURE CONTROL METHOD</p> <p>[54] DISPOSITIF ET METHODE DE CONTROLE DE LA TEMPERATURE</p> <p>[72] HUME, DALE, CA</p> <p>[72] KOZLOWSKI, JAMES, CA</p> <p>[71] THERMTEST INC., CA</p> <p>[22] 2019-10-03</p> <p>[41] 2020-04-05</p> <p>[30] US (62/766,179) 2018-10-05</p>
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<p>[21] <b>3,057,476</b>  [13] A1</p> <p>[51] Int.Cl. A41D 31/04 (2019.01) A41D 31/06 (2019.01) A41D 31/08 (2019.01) A41B 1/00 (2006.01) A41D 13/00 (2006.01) A41H 43/00 (2006.01)</p> <p>[25] EN</p> <p>[54] PARTICULATE PROTECTIVE ARTICLES</p> <p>[54] VETEMENT PROTECTEUR CONTRE LES MATIERES PARTICULAIRES</p> <p>[72] SCHIERENBECK, ALAN WARREN, US</p> <p>[72] BLAUSER, KATHERINE ELIZABETH, US</p> <p>[72] CUBAS RAY, LISA, US</p> <p>[72] REED, JEFFREY, US</p> <p>[72] WALTER, JIM, US</p> <p>[71] HONEYWELL INTERNATIONAL INC., US</p> <p>[22] 2019-10-03</p> <p>[41] 2020-04-05</p> <p>[30] US (16/153049) 2018-10-05</p>
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<p>[21] <b>3,057,490</b>  [13] A1</p> <p>[51] Int.Cl. A61B 50/33 (2016.01) A61C 19/02 (2006.01)</p> <p>[25] EN</p> <p>[54] DENTAL SURGICAL SYSTEMS AND TRAYS</p> <p>[54] SYSTEMES ET PLATEAUX DE CHIRURGIE DENTAIRE</p> <p>[72] DEBORD, JEFFREY T., US</p> <p>[71] BIOMET 3I, LLC, US</p> <p>[22] 2019-10-02</p> <p>[41] 2020-04-08</p> <p>[30] US (62/742,775) 2018-10-08</p> <p>[30] US (62/747,199) 2018-10-18</p> <p>[30] US (62/811,789) 2019-02-28</p>
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<p>[21] <b>3,057,492</b>  [13] A1</p> <p>[51] Int.Cl. A61B 50/33 (2016.01) A61C 19/02 (2006.01)</p> <p>[25] EN</p> <p>[54] DENTAL SURGICAL SYSTEMS AND TRAYS</p> <p>[54] SYSTEMES ET PLATEAUX DE CHIRURGIE DENTAIRE</p> <p>[72] SCHLUETER, ELIZABETH A., US</p> <p>[72] CARSTENS, MATTHEW R., US</p> <p>[72] DEPASTINO, JOSEPH, US</p> <p>[72] BASSETT, JEFFREY A., US</p> <p>[72] ROGERS, DAN P., US</p> <p>[72] CHELMINSKI, ALEXANDER, US</p> <p>[71] BIOMET 3I, LLC, US</p> <p>[22] 2019-10-02</p> <p>[41] 2020-04-08</p> <p>[30] US (62/742,775) 2018-10-08</p> <p>[30] US (62/747,199) 2018-10-18</p> <p>[30] US (62/817,683) 2019-03-13</p>
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<p>[21] <b>3,057,536</b>  [13] A1</p> <p>[51] Int.Cl. H04L 12/26 (2006.01) G06Q 30/02 (2012.01)</p> <p>[25] EN</p> <p>[54] METHOD AND SYSTEM FOR REMOTE QUALITY OF EXPERIENCE DIAGNOSTICS</p> <p>[54] METHODE ET SYSTEME D'EVALUATION A DISTANCE DE LA QUALITE DE L'EXPERIENCE</p> <p>[72] SRIDHAR, KAMAKSHI, US</p> <p>[72] HASSAN, MOSTAFA MOHAMED, CA</p> <p>[72] SAYERS, TY, CA</p> <p>[72] ST. PIERRE, NICK, CA</p> <p>[72] HAVANG, ALEXANDER, CA</p> <p>[72] HOOVER, JOHN, CA</p> <p>[72] AMEDEO, DAVID, CA</p> <p>[72] FARMER, MATTHEW LEE, CA</p> <p>[71] SANDVINE CORPORATION, CA</p> <p>[22] 2019-10-03</p> <p>[41] 2020-04-05</p> <p>[30] US (62/741,950) 2018-10-05</p>
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<p style="text-align: right;">[21] <b>3,057,635</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B60K 1/04 (2019.01) B60N 2/24 (2006.01)</p> <p>[25] EN</p> <p>[54] ELECTRIC BUS SEAT AND ELECTRIC BATTERY ARRANGEMENT</p> <p>[54] AMENAGEMENT DES SIEGES ET DE L'ACCUMULATEUR ELECTRIQUE D'UN AUTOBUS ELECTRIQUE</p> <p>[72] HALLUNDBAEK, JORGEN, LU</p> <p>[71] ALPHA EC INDUSTRIES 2018 S.A.R.L., LU</p> <p>[22] 2019-10-04</p> <p>[41] 2020-04-05</p> <p>[30] LU (LU100955) 2018-10-05</p>	<p style="text-align: right;">[21] <b>3,057,658</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B65B 5/06 (2006.01) B65B 17/00 (2006.01) B65D 75/00 (2006.01)</p> <p>[25] EN</p> <p>[54] PACKAGING SYSTEM WITH OPENING FOR PRODUCT ACCESS</p> <p>[54] SYSTEME D'EMBALLAGE COMPRENANT UNE OUVERTURE POUR L'ACCES AU PRODUIT</p> <p>[72] LAU, NGUYEN TRUNG, AU</p> <p>[72] CARR, JASON DAVID, AU</p> <p>[71] CUSTOM ACCESSORIES INC., US</p> <p>[22] 2019-10-04</p> <p>[41] 2020-04-05</p> <p>[30] US (62/742,003) 2018-10-05</p>	<p style="text-align: right;">[21] <b>3,057,666</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H04W 4/12 (2009.01) H04W 12/00 (2009.01) H04W 84/22 (2009.01) H04W 4/50 (2018.01) H04W 4/80 (2018.01)</p> <p>[25] EN</p> <p>[54] METHOD AND DEVICES FOR COMMUNICATING BETWEEN AN INTERNET OF THINGS DEVICE AND A REMOTE COMPUTER SYSTEM</p> <p>[54] METHODE ET DISPOSITIFS DE COMMUNICATION ENTRE UN DISPOSITIF DE L'INTERNET DES OBJETS ET UN SYSTEME INFORMATIQUE A DISTANCE</p> <p>[72] GUERRERO, SEBASTIAN, CH</p> <p>[72] LANZ, ROLF, CH</p> <p>[72] PLUSS, MARCEL, CH</p> <p>[72] STUDERUS, PAUL, CH</p> <p>[71] LEGIC IDENTSYSTEMS AG, CH</p> <p>[22] 2019-10-03</p> <p>[41] 2020-04-09</p> <p>[30] CH (01235/18) 2018-10-09</p>
<p style="text-align: right;">[21] <b>3,057,641</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B05B 1/14 (2006.01) A47J 31/44 (2006.01) A47J 43/12 (2006.01)</p> <p>[25] EN</p> <p>[54] NOZZLE FOR DISPENSING STEAM AND STEAM DISPENSING DEVICE EQUIPPED WITH SAID NOZZLE</p> <p>[54] BEC DE DISTRIBUTION DE VAPEUR ET DISPOSITIF DE DISTRIBUTION DE VAPEUR SUR LEQUEL EST INSTALLE LE BEC EN QUESTION</p> <p>[72] TONINI, FEDERICO, CH</p> <p>[71] PNR ITALIA S.R.L., IT</p> <p>[22] 2019-10-04</p> <p>[41] 2020-04-08</p> <p>[30] IT (102018000009241) 2018-10-08</p>	<p style="text-align: right;">[21] <b>3,057,665</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B62D 31/02 (2006.01) B60K 1/00 (2006.01)</p> <p>[25] EN</p> <p>[54] ELECTRIC BUS WITH SEATS OVER DRIVING WHEELS</p> <p>[54] AUTOBUS ELECTRIQUE DONT LES SIEGES SONT AU-DESSUS DES ROUES MOTRICES</p> <p>[72] HALLUNDBAEK, JORGEN, LU</p> <p>[71] ALPHA EC INDUSTRIES 2018 S.A.R.L., LU</p> <p>[22] 2019-10-04</p> <p>[41] 2020-04-05</p> <p>[30] LU (LU100956) 2018-10-05</p>	<p style="text-align: right;">[21] <b>3,057,668</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B01D 21/00 (2006.01)</p> <p>[25] EN</p> <p>[54] A SEPARATOR FOR SEPARATING SOLIDS FROM A FLUID</p> <p>[54] SEPARATEUR SERVANT A SEPARER DES SOLIDES D'UN LIQUIDE</p> <p>[72] JARMAN, DANIEL STUART, GB</p> <p>[72] DANIELS, STEVEN JOHN, GB</p> <p>[72] RAHAT, ALMA, GB</p> <p>[72] FIELDSEND, JONATHAN EDWARDS, GB</p> <p>[72] EVERSON, RICHARD, GB</p> <p>[72] TABOR, GAVN, GB</p> <p>[71] HYDRO INTERNATIONAL LTD., GB</p> <p>[22] 2019-10-04</p> <p>[41] 2020-04-05</p> <p>[30] GB (1816265.1) 2018-10-05</p>
<p style="text-align: right;">[21] <b>3,057,653</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B05D 1/36 (2006.01) B32B 37/02 (2006.01) C23C 14/22 (2006.01)</p> <p>[25] EN</p> <p>[54] LAMINATE COMPOSITE STRUCTURAL COMPONENTS AND METHODS FOR THE SAME</p> <p>[54] COMPOSANTES STRUCTURELLES EN MATERIAUX COMPOSITES STRATIFIES ET METHODES CONNEXES</p> <p>[72] NORDMAN, PAUL S., US</p> <p>[72] CHENG, JIANGTIAN, US</p> <p>[71] THE BOEING COMPANY, US</p> <p>[22] 2019-10-03</p> <p>[41] 2020-04-11</p> <p>[30] US (16/157886) 2018-10-11</p>		

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[25] EN
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<b>[54] BAGUE D'ARRET DE TUBULAIRE</b>
[72] MACKAY, ALEXANDER CRAIG, GB
[72] BRADFORD, KEITH DAVID, GB
[71] DOWNHOLE PRODUCTS LIMITED, GB
[22] 2019-10-04
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[51] Int.Cl. B60P 1/43 (2006.01)
[25] FR
<b>[54] ELECTRONIC PILOTAGE DEVICE FOR THE ACCESS RAMP OF A VEHICLE DOOR, VEHICLE, PROCESS FOR ASSOCIATED PILOTAGE AND COMPUTER PROGRAM</b>
<b>[54] DISPOSITIF ELECTRONIQUE DE PILOTAGE D'UNE RAMPE D'ACCES A UNE PORTE DE VEHICULE, VEHICULE, PROCEDE DE PILOTAGE ET PROGRAMME D'ORDINATEUR ASSOCIES</b>
[72] DARNAUD, THOMAS, FR
[72] DESMOINEAUX, NICOLAS, FR
[72] KARAOGUZ, CEM, FR
[71] TRANSDEV GROUP, FR
[22] 2019-10-04
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[25] EN
<b>[54] SYSTEMS AND METHODS FOR CALL MANAGEMENT</b>
<b>[54] SYSTEMES ET PROCEDES DE GESTION D'APPELS</b>
[72] WOLCOTT, LARRY, US
[72] GONSALVES, ROBERT, US
[72] BACH, THOMAS, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2019-10-04
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[25] EN
<b>[54] AGRICULTURAL TRANSPORT VEHICLE WITH WEIGHING SYSTEM</b>
<b>[54] VEHICULE DE TRANSPORT AGRICOLE DISPOSANT D'UN SYSTEME DE PESEE</b>
[72] LIET, ROBERT JAN, NL
[71] TRIOLIET B.V., NL
[22] 2019-10-08
[41] 2020-04-10
[30] DE (20 2018 105 801.0) 2018-10-10

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[25] EN
<b>[54] CAVITY WALL THROUGH-WALL FLASHING SUPPORT SYSTEM AND METHOD</b>
<b>[54] SYSTEME ET METHODE DE SUPPORT DE SOLIN COUVRANT LA LARGEUR DU MUR DANS UN MUR CREUX</b>
[72] SCHEPENS, PAUL, CA
[71] SCHEPENS, PAUL, CA
[22] 2019-10-08
[41] 2020-04-08
[30] US (62/742,500) 2018-10-08

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[13] A1
[51] Int.Cl. G01B 21/20 (2006.01) G01C 7/00 (2006.01) G01C 11/00 (2006.01) G06T 17/00 (2006.01)
[25] FR
<b>[54] MEANS FOR STORING DATA PROCESSING</b>
<b>[54] MOYEN DE STOCKAGE INFORMATIQUE</b>
[72] PERAZIO, GUY, FR
[72] HOVHANESSIAN, GILLES, FR
[72] RABOT, YOHANN, FR
[71] SOLETANCHE FREYSSINET, FR
[22] 2019-10-07
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[51] Int.Cl. B42D 15/04 (2006.01) A47G 1/14 (2006.01) G06F 3/041 (2006.01) G06F 3/16 (2006.01) H04R 1/08 (2006.01)
[25] EN
<b>[54] RECORDABLE GREETING CARD WITH USER-DEFINABLE TOUCH ZONES</b>
<b>[54] CARTE DE VOEUX ENREGISTRABLE AVEC ZONES TACTILES DEFINISSABLES PAR UN UTILISATEUR</b>
[72] GARBOS, JENNIFER R., US
[72] RICHMOND, TYLER JAMES, US
[72] SHIELDS, CHRISTOPHER JASON, US
[72] PEDERSEN, NICHOLAS, US
[72] CALDWELL, DANIELLE M., US
[71] HALLMARK CARDS, INCORPORATED, US
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[51] Int.Cl. E06B 3/263 (2006.01)
[25] EN
<b>[54] FENESTRATION ASSEMBLIES INCLUDING COMPOSITE INSULATING FRAME CORES AND METHODS FOR SAME</b>
<b>[54] ENSEMBLES ET METHODES CONNEXES DE FENETRES COMPRENANT DES AMES DE CADRE COMPOSITES ISOLANTES</b>
[72] YLITALO, CHRIS, US
[72] WOODWARD, BRADLEY D., US
[72] KOCH, KYLE C., US
[72] BENTOW, TIMOTHY R., US
[72] CURTIS, DANIEL JON, US
[71] MARVIN LUMBER AND CEDAR COMPANY, D/B/A MARVIN WINDOWS AND DOORS, US
[22] 2019-10-08
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<p>[54] <b>LONG RAIL ASSEMBLY WITH SIDE OPENING FOR VEHICLE SEAT ADJUSTMENT</b></p> <p>[54] <b>SYSTEME DE LONGS RAILS AVEC OUVERTURE LATERALE POUR L'AJUSTEMENT DES SIEGES D'UN VEHICULE</b></p> <p>[72] RUNDE, DAVID M., US</p> <p>[72] TAME, OMAR D., US</p> <p>[71] MAGNA SEATING INC., CA</p> <p>[22] 2019-10-09</p> <p>[41] 2020-04-09</p> <p>[30] US (62/743,216) 2018-10-09</p>
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[25] EN
[54] PERMISSION PROCESSING METHOD, DEVICE, APPLICATION SIDE DEVICE AND STORAGE MEDIA
[54] METHODE DE TRAITEMENT D'UNE PERMISSION, DISPOSITIF, DISPOSITIF CONNEXE D'UNE APPLICATION ET SUPPORT DE DONNEES
[72] WANG, NAN, CN
[72] SUN, HAOTING, CN
[71] 10353744 CANADA LTD., CA
[22] 2019-10-09
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[25] EN
[54] SAFETY DEVICES AND METHODS OF USING A SAFETY DEVICE
[54] DISPOSITIFS DE SECURITE ET METHODES D'UTILISATION
[72] KRUEGER, DAVID, US
[71] KRUEGER, DAVID, US
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[51] Int.Cl. H02G 15/08 (2006.01) H01R 24/20 (2011.01)
[25] EN
[54] ANGLE LOADBREAK BUSHING
[54] DOUILLE DE RUPTURE DE CHARGE A ANGLE
[72] FONG, ROBERT, US
[71] ABB SCHWEIZ AG, CH
[22] 2019-10-09
[41] 2020-04-09
[30] US (16/155,535) 2018-10-09

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[25] EN
[54] VALUE TRANSFER VIA FACIAL RECOGNITION
[54] TRANSFERT DE VALEUR PAR RECONNAISSANCE FACIALE
[72] KALABOUKIS, CHRIS, US
[72] KUSHNER, KRISTINE ING, US
[72] MUNIR, MUHAMMAD FARUKH, US
[71] THE TORONTO-DOMINION BANK, CA
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[51] Int.Cl. G06Q 30/06 (2012.01) H04W 4/02 (2018.01) H04W 4/14 (2009.01) G06Q 30/02 (2012.01) G06F 16/903 (2019.01) G06F 16/95 (2019.01) G06N 3/02 (2006.01) G06K 9/18 (2006.01) G06K 9/62 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR SMS E-COMMERCE ASSISTANT
[54] SYSTEMES ET METHODES RELATIFS A UN AIDE AU MAGASINAGE EN LIGNE UTILISANT UN SERVICE DE MESSAGES COURTS
[72] EDWARDS, JOSHUA, US
[72] MOSSOBA, MICHAEL, US
[72] BENKREIRA, ABDELKADER, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2019-10-09
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[25] EN
[54] OXYGENATE SEPARATION USING A METAL SALT
[54] SEPARATION D'UN COMPOSE OXYGENE AU MOYEN D'UN SEL METALLIQUE
[72] OLAYIWOLA, BOLAJI, CA
[72] GOODARZNIA, SHAHIN, CA
[72] SIMANZHENKOV, VASILY, CA
[72] KOSELEK, MICHAEL, CA
[72] SERHAL, KAMAL, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2019-10-09
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<p>[21] <b>3,058,249</b> [13] A1</p> <p>[51] Int.Cl. A43B 3/02 (2006.01) B29D 35/08 (2010.01) A43B 7/12 (2006.01) B32B 1/00 (2006.01) C08J 5/12 (2006.01) C08J 9/00 (2006.01) C08L 23/28 (2006.01) C08L 31/04 (2006.01)</p> <p>[25] EN</p> <p>[54] BOOTS WITH POLYMERIC FOAM SHELL AND EXPOSED SOCK LINER</p> <p>[54] CHAUSSURES DOTEES D'UNE COQUE EN MOUSSE POLYMERIQUE ET D'UNE DOUBLURE DE CHAUSSETTE EXPOSEE</p> <p>[72] PETERSEN, ROBERT N., US</p> <p>[72] SMITH, STEVEN A., US</p> <p>[72] TOWEY, JAMES P., US</p> <p>[72] ZEDALIS, MICHAEL S., US</p> <p>[71] TINGLEY RUBBER CORPORATION, US</p> <p>[22] 2019-10-10</p> <p>[41] 2020-04-10</p> <p>[30] US (62/743,731) 2018-10-10</p>
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<p>[21] <b>3,058,251</b> [13] A1</p> <p>[51] Int.Cl. B64D 45/08 (2006.01) B64D 43/00 (2006.01) G09G 5/377 (2006.01)</p> <p>[25] EN</p> <p>[54] VISION GUIDANCE SYSTEMS AND METHODS FOR AIRCRAFT</p> <p>[54] SYSTEMES ET PROCEDES DE GUIDAGE VISUEL POUR AERONEF</p> <p>[72] BARBER, ANTHONY J., CA</p> <p>[72] BERGERON, MARC, CA</p> <p>[72] COLQUHOUN, WILLIAM MURRAY, CA</p> <p>[72] MARTIN, CHRISTOPHER, US</p> <p>[72] SCHLEGEL, MARK, CA</p> <p>[72] WONG, NATALIE W., US</p> <p>[72] NAIPAOUL, JASON, CA</p> <p>[72] BAE, NAMI, CA</p> <p>[72] LEBEGUE, OLIVIER, CA</p> <p>[71] BOMBARDIER INC., CA</p> <p>[22] 2019-10-10</p> <p>[41] 2020-04-11</p> <p>[30] US (62/744,411) 2018-10-11</p>
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[21] <b>3,058,312</b>
[13] A1
[51] Int.Cl. B65G 47/71 (2006.01)
[25] EN
<b>[54] CONVEYING SYSTEM WITH HIGH SPEED LANE DIVIDER</b>
<b>[54] SYSTEME DE CONVOYEUR MUNI D'UN DEVIATEUR GRANDE VITESSE</b>
[72] CRAIG, RHETT E., US
[72] VOUGHT, ADAM D., US
[71] SHUTTLEWORTH LLC, US
[22] 2019-10-10
[41] 2020-04-11
[30] US (62/744,329) 2018-10-11

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[21] <b>3,058,330</b>
[13] A1
[51] Int.Cl. B62K 25/26 (2006.01)
[25] FR
<b>[54] FRAME FOR REAR WHEEL HANGING BICYCLES</b>
<b>[54] CADRE DE VELO A SUSPENSION DE ROUE ARRIERE</b>
[72] VRIGNAUD, GUILLAUME, FR
[72] VAXELAIRE, PHILIPPE, FR
[71] VAXE, FR
[22] 2019-10-10
[41] 2020-04-10
[30] FR (18 59 370) 2018-10-10

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[21] <b>3,058,335</b>
[13] A1
[51] Int.Cl. F16L 15/06 (2006.01) E21B 17/042 (2006.01) F16B 33/02 (2006.01)
[25] EN
<b>[54] FATIGUE REDUCING SHOULDERED CONNECTIONS</b>
<b>[54] RACCORDS D'EPAULEMENT RESISTANT A LA FATIGUE</b>
[72] PACHECO, CAIN, US
[72] SANDERS, MICHAEL, US
[71] COASTAL PIPE USA, L.L.C., US
[22] 2019-10-10
[41] 2020-04-10
[30] US (62/743931) 2018-10-10
[30] US (16/596360) 2019-10-08

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[21] <b>3,058,523</b>
[13] A1
[51] Int.Cl. F21S 41/30 (2018.01) F21S 41/141 (2018.01) F21S 41/147 (2018.01) F21S 41/20 (2018.01) E01H 5/07 (2006.01)
[25] EN
<b>[54] SNOW PLOW HEADLAMP</b>
<b>[54] PHARE POUR CHASSE-NEIGE</b>
[72] HORN, CHRISTOPHER AARON, US
[71] DOUGLAS DYNAMICS, LLC, US
[22] 2019-10-11
[41] 2020-04-11
[30] US (16/157,813) 2018-10-11

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[21] <b>3,058,528</b>
[13] A1
[51] Int.Cl. A63B 27/02 (2006.01)
[25] EN
<b>[54] RETRACTABLE GAFF GUARD</b>
<b>[54] PROTECTEUR D'ETRIER A GRIFFES RETRACTABLE</b>
[72] CANFIELD, DEFOREST C., US
[72] BATTY, TIMOTHY R., US
[71] BUCKINGHAM MANUFACTURING COMPANY, INC., US
[22] 2019-10-11
[41] 2020-04-11
[30] US (62/744349) 2018-10-11

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[21] <b>3,058,556</b>
[13] A1
[51] Int.Cl. H01H 3/54 (2006.01) H01H 23/12 (2006.01) H02H 1/04 (2006.01)
[25] EN
<b>[54] OPERATOR FOR AN ELECTRICAL SWITCHING APPARATUS</b>
<b>[54] OPERATEUR POUR APPAREIL DE COMMUTATION ELECTRIQUE</b>
[72] DECARR, GRAIG EDMUND, US
[72] LEDGERWOOD, ADAM D., US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2019-10-11
[41] 2020-04-11
[30] US (62/744487) 2018-10-11

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[21] <b>3,058,566</b>
[13] A1
[51] Int.Cl. A24F 40/40 (2020.01) A24F 40/00 (2020.01)
[25] EN
<b>[54] VAPORIZATION DEVICE, A CHARGING ADAPTOR FOR A DISPOSABLE VAPORIZATION DEVICE, AND A KIT</b>
<b>[54] DISPOSITIF DE VAPORISATION, ADAPTATEUR DE CHARGE POUR DISPOSITIF DE VAPORISATION JETABLE, ET TROUSSE</b>
[72] FORNARELLI, THOMAS, US
[71] DB INNOVATION INC, US
[22] 2019-10-11
[41] 2020-04-11
[30] US (16/157,598) 2018-10-11

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[21] <b>3,058,574</b>
[13] A1
[51] Int.Cl. F16K 3/312 (2006.01) F16K 3/314 (2006.01) F16K 27/04 (2006.01) F16L 55/105 (2006.01)
[25] EN
<b>[54] TEST VALVE ASSEMBLY WITH EXTRACTION MECHANISM</b>
<b>[54] ASSEMBLAGE ROBINET D'ESSAI AVEC MECANISME D'EXTRACTION</b>
[72] COSLEY, JAMES W., US
[72] CHASE, JACOB T., US
[71] RELIANCE WORLDWIDE CORPORATION, US
[22] 2019-10-11
[41] 2020-04-11
[30] US (16/598,310) 2019-10-10
[30] US (16/744,394) 2018-10-11

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[21] <b>3,058,575</b>
[13] A1
[51] Int.Cl. F16L 41/06 (2006.01) A01G 23/10 (2006.01) A01G 23/14 (2006.01) F16L 41/12 (2006.01) F16L 47/30 (2006.01) F16L 47/34 (2006.01)
[25] EN
<b>[54] CONNECTOR FOR PIPING NETWORKS</b>
<b>[54] RACCORD POUR RESEAUX DE TUYAUTERIE</b>
[72] LAPIERRE, DONALD, CA
[72] GOULET, JEAN-FRANCOIS, CA
[72] DOZOIS, YANICK, CA
[71] LAPIERRE, DONALD, CA
[22] 2019-10-10
[41] 2020-04-11
[30] US (62/859,815) 2019-06-11
[30] US (62/744,361) 2018-10-11

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[21] 3,058,593

[13] A1

[51] Int.Cl. E21B 43/24 (2006.01)

[25] EN

[54] PROCESS FOR HYDROCARBON RECOVERY FROM A HYDROCARBON-BEARING FORMATION

[54] PROCEDE DE RECUPERATION D'HYDROCARBURES A PARTIR D'UNE FORMATION PETROLIFERE

[72] BEN-ZVI, AMOS, CA

[71] CENOVUS ENERGY INC., CA

[22] 2019-10-09

[41] 2020-04-10

[30] US (62/744,033) 2018-10-10

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[21] 3,058,602

[13] A1

[51] Int.Cl. G09B 29/00 (2006.01) G06F 3/0484 (2013.01) G16Z 99/00 (2019.01) G06T 17/00 (2006.01)

[25] EN

[54] AUTOMATED MAPPING INFORMATION GENERATION FROM INTER-CONNECTED IMAGES

[54] PRODUCTION AUTOMATISEE D'INFORMATION CARTOGRAPHIQUE A PARTIR D'IMAGES INTERDEPENDANTES

[72] COLBURN, ALEX, US

[72] SHAN, QI, US

[72] MEHRAN, RAMIN, US

[72] GUAN, LI, US

[71] ZILLOW GROUP, INC., US

[22] 2019-10-09

[41] 2020-04-11

[30] US (16/190,162) 2018-11-14

[30] US (62/744,472) 2018-10-11

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[21] 3,058,603

[13] A1

[51] Int.Cl. F23D 14/72 (2006.01) F23D 14/10 (2006.01) F23N 5/10 (2006.01) F23Q 3/00 (2006.01)

[25] EN

[54] MULTIPLE SPARK AND MULTIPLE SENSE IGNITER ASSEMBLY AND SYSTEM

[54] ASSEMBLAGE D'ALLUMEUR A ETINCELLES MULTIPLES ET A DETECTION MULTIPLE

[72] WESTRICH, DOUG, US

[72] CARLSON, BRENT, US

[72] WALKER, SIMON, US

[71] WESTRICH, DOUG, US

[71] CARLSON, BRENT, US

[71] WALKER, SIMON, US

[22] 2019-10-10

[41] 2020-04-10

[30] US (62/743,954) 2018-10-10

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[21] 3,058,607

[13] A1

[51] Int.Cl. B07B 1/46 (2006.01) F16S 3/08 (2006.01)

[25] EN

[54] METHOD AND APPARATUS FOR SUPPLYING SUPPORT FROM BELOW TO A SCREEN CLOTH ON A VIBRATING SCREENING MACHINE

[54] PROCEDE ET APPAREIL DE SUPPORT DEPUIS LE DESSOUS A UNE TOILE DE CRIBLAGE SUR UNE MACHINE A TAMISER VIBRANTE

[72] MUMM, RYAN ANTHONY, US

[72] ROSS, ALEXANDER EVAN, US

[72] STEMPER, MICHAEL PETER, US

[72] GRADY, NICHOLAS SAMUEL, US

[72] ELLIS, JOSH EDWARD, US

[72] STROUP, DAVID BRYAN, US

[71] TEREX USA, LLC, US

[22] 2019-10-11

[41] 2020-04-11

[30] US (62/744,314) 2018-10-11

[30] US (16/598,259) 2019-10-10

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[21] 3,060,457

[13] A1

[51] Int.Cl. A24F 40/40 (2020.01) A24B 15/167 (2020.01) A24F 40/10 (2020.01) A24F 47/00 (2020.01) A61M 15/00 (2006.01) A61M 15/06 (2006.01) H02J 7/00 (2006.01) H02J 13/00 (2006.01)

[25] EN

[54] POWER SUPPLY UNIT FOR AEROSOL INHALER, AEROSOL INHALER, POWER SUPPLY CONTROL METHOD OF AEROSOL INHALER, AND POWER SUPPLY CONTROL PROGRAM OF AEROSOL INHALER

[54] BLOC D'ALIMENTATION POUR INHALATEUR D'AEROSOL, INHALATEUR D'AEROSOL, METHODE DE REGLAGE DE L'ALIMENTATION ELECTRIQUE D'UN INHALATEUR D'AEROSOL, ET PROGRAMME POUR LE DE REGLAGE DE L'ALIMENTATION ELECTRIQUE D'UN INHALATEUR D'AEROSOL

[72] YAMADA, MANABU, JP

[72] AKAO, TAKESHI, JP

[71] JAPAN TOBACCO INC., JP

[22] 2019-10-28

[41] 2020-04-06

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[21] 3,068,242

[13] A1

[51] Int.Cl. F16L 3/18 (2006.01) E03C 1/00 (2006.01)

[25] EN

[54] SYSTEM FOR MOUNTING A VERTICALLY ORIENTED PIPE IN A BUILDING

[54] SYSTEME DE FIXATION DE TUYAU ORIENTE VERTICALEMENT DANS UN BATIMENT

[72] TRELEAVEN, JEFF, CA

[71] TRELEAVEN, JEFF, CA

[22] 2020-01-17

[41] 2020-04-10

[30] US (62796802) 2019-01-25

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**April 5, 2020 to April 11, 2020**

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[21] **3,069,854**

[13] A1

[51] **Int.Cl. H04W 4/30 (2018.01) H04L**  
12/16 (2006.01)

[25] EN

[54] CONTEXTUAL NOTIFICATIONS  
FOR A NETWORK-BASED  
SERVICE

[54] NOTIFICATIONS  
CONTEXTUELLES POUR UN  
SERVICE RESEAU

[72] WARR, ANDREW M., US

[72] DE ALMEIDA, GIOCONDA, US

[71] UBER TECHNOLOGIES, INC., US

[22] 2020-01-27

[41] 2020-04-09

[30] US (16/276,303) 2019-02-14

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[21] **3,069,886**

[13] A1

[51] **Int.Cl. A62C 3/02 (2006.01)**

[25] EN

[54] FOREST FIRE ARRESTING  
APRON AND METHOD OF USE

[54] TABLIER D'ARRET D'INCENDIE  
DE FORET ET METHODE  
D'UTILISATION

[72] WILLIAMS, DONALD, CA

[71] WILLIAMS, DONALD, CA

[22] 2020-01-28

[41] 2020-04-09

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[21] **3,026,736**  
[13] A1

- [51] Int.Cl. B03C 1/02 (2006.01) B09B 3/00 (2006.01)  
[25] EN  
[54] METHOD FOR RECYCLING ELECTRONIC MATERIALS, PRODUCTS AND COMPONENTS THEREOF, AND END PRODUCTS PRODUCED THEREFROM  
[54] METHODE DE RECYCLAGE DE MATERIAUX ELECTRONIQUES, PRODUITS ET COMPOSANTS ASSOCIES, ET PRODUITS FINS AINSI OBTENUS  
[72] WEN, ZHEN DONG, US  
[71] OWL ELECTRONIC RECYCLING TECHNOLOGY INC., US  
[85] 2018-12-06  
[86] 2018-11-08 (PCT/US2018/059883)  
[87] (3026736)  
[30] US (62/743,463) 2018-10-09
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[21] **3,060,860**  
[13] A1

- [25] EN  
[54] GROUND REINFORCING STRUCTURE AND RELATED METHOD  
[54] STRUCTURE DE RENFORT DU SOL ET PROCEDE CONNEXE  
[72] KULICK, FRANK M., III, US  
[72] LINGLE, LUKE, US  
[71] BRENTWOOD INDUSTRIES, INC., US  
[85] 2019-11-04  
[86] 2018-10-12 (PCT/US2018/055605)  
[87] (3060860)  
[30] US (16/153,057) 2018-10-05
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[21] **3,062,869**  
[13] A1

- [25] EN  
[54] STRETCH BLOW MOLDING APPARATUS AND BLOW MOLDING METHOD  
[54] DISPOSITIF PAR MOULAGE PAR SOUFFLAGE AVEC ETIRAGE ET PROCEDE DE MOULAGE PAR SOUFFLAGE  
[72] NAKAZAWA, NOBUHIKO, JP  
[71] AOKI TECHNICAL LABORATORY, INC., JP  
[85] 2019-11-27  
[86] 2018-10-11 (PCT/JP2018/037932)  
[87] (3062869)
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[21] **3,073,631**  
[13] A1

- [51] Int.Cl. C07K 5/02 (2006.01) A61K 47/54 (2017.01) A61K 47/56 (2017.01) A61K 47/60 (2017.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 7/06 (2006.01)  
[25] EN  
[54] CASTRATION RESISTANT PROSTATE CANCER  
[54] CANCER DE LA PROSTATE RESISTANT A LA CASTRATION  
[72] POMBO-VILLAR, ESTEBAN, CH  
[72] LEVITZKI, ALEXANDER, IL  
[72] LANGUT, YAEL, IL  
[72] ZIGLER, MAYA, CH  
[72] SHIR, ALEXEI, IL  
[72] KITAS, ERIC, CH  
[71] TARGIMMUNE THERAPEUTICS AG, CH  
[85] 2020-02-21  
[86] 2018-09-27 (PCT/EP2018/076293)  
[87] (WO2019/063705)  
[30] EP (17193577.8) 2017-09-27  
[30] EP (17201728.7) 2017-11-14
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[21] **3,075,795**  
[13] A1

- [25] EN  
[54] PHARMACEUTICAL COMPOSITIONS OF SULFUR COLLOID AND PROCESSES THEREOF  
[54] COMPOSITIONS PHARMACEUTIQUES DE SOUFRE COLLOIDE ET SES PROCEDES  
[72] SOHI, HARMIK, IN  
[72] HASIJA, RAHUL, IN  
[72] MALIK, BASANT, IN  
[72] MEHTA, KAMAL S., IN  
[72] KUMAR, DINESH, IN  
[71] JUBILANT GENERICS LIMITED, IN  
[85] 2020-03-16  
[86] 2019-10-07 (PCT/IB2019/058517)  
[87] (3075795)  
[30] IN (201811038067) 2018-10-06
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[21] **3,076,533**  
[13] A1

- [51] Int.Cl. G05D 1/02 (2020.01) B25J 9/16 (2006.01) G01C 21/00 (2006.01)  
[25] EN  
[54] MULTI-RESOLUTION SCAN MATCHING WITH EXCLUSION ZONES  
[54] MISE EN CORRESPONDANCE A BALAYAGE MULTI-RESOLUTION AVEC ZONES D'EXCLUSION  
[72] MOORE, THOMAS, GB  
[72] POWERS, BRADLEY, US  
[71] LOCUS ROBOTICS CORP., US  
[85] 2020-03-19  
[86] 2018-09-21 (PCT/US2018/052190)  
[87] (WO2019/060700)  
[30] US (15/712,222) 2017-09-22

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**[21] 3,076,540**

[13] A1

- [51] Int.Cl. A21D 2/26 (2006.01) A23L 7/109 (2016.01) A23L 33/185 (2016.01) A21D 8/04 (2006.01) A21D 10/00 (2006.01)
  - [25] EN
  - [54] TOLERABLE FLOUR COMPOSITION
  - [54] COMPOSITION DE FARINE TOLEREE
  - [72] BOCKER, GEORG, DE
  - [72] BRANDT, MARKUS, DE
  - [72] DUSTERBERG, MARKUS, DE
  - [72] SCHUPPAN, DETLEF, DE
  - [71] ERNST BOCKER GMBH & CO. KG, DE
  - [85] 2020-03-20
  - [86] 2018-09-27 (PCT/EP2018/076323)
  - [87] (WO2019/063721)
  - [30] DE (10 2017 122 407.6) 2017-09-27
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**[21] 3,076,542**

[13] A1

- [51] Int.Cl. C08F 20/56 (2006.01) C08F 2/01 (2006.01) C08F 220/56 (2006.01) C12P 13/02 (2006.01) E21B 7/00 (2006.01)
- [25] EN
- [54] PROCESS FOR PRODUCING AQUEOUS POLYACRYLAMIDE SOLUTIONS
- [54] PROCEDE DE PRODUCTION DE SOLUTIONS AQUEUSES DE POLYACRYLAMIDE
- [72] EL-TOUFAILI, FAISSAL-ALI, DE
- [72] UNGER, JOERG, DE
- [71] BASF SE, DE
- [85] 2020-03-20
- [86] 2018-10-18 (PCT/EP2018/078492)
- [87] (WO2019/081320)
- [30] EP (PCT/EP2017/077251) 2017-10-25

**[21] 3,076,545**

[13] A1

- [51] Int.Cl. C08F 20/56 (2006.01) C08F 2/01 (2006.01) C08F 220/56 (2006.01) C12P 13/02 (2006.01) E21B 7/00 (2006.01)
- [25] EN
- [54] PROCESS FOR PRODUCING AQUEOUS POLYACRYLAMIDE SOLUTIONS
- [54] PROCEDE DE PRODUCTION DE SOLUTIONS AQUEUSES DE POLYACRYLAMIDE
- [72] SPRAFKE, HAZEL, DE
- [72] OSTERMAYR, MARKUS, DE
- [72] ZIMMERMANN, TOBIAS JOACHIM, DE
- [72] MECKELNBURG, DIRK, DE
- [72] LOESCH, DENNIS, DE
- [72] EL-TOUFAILI, FAISSAL-ALI, DE
- [71] BASF SE, DE
- [85] 2020-03-20
- [86] 2018-10-18 (PCT/EP2018/078498)
- [87] (WO2019/081323)
- [30] EP (PCT/EP2017/077246) 2017-10-25

**[21] 3,076,553**

[13] A1

- [51] Int.Cl. C08F 20/56 (2006.01) C08F 2/01 (2006.01) C12P 13/02 (2006.01) E21B 7/00 (2006.01)
  - [25] EN
  - [54] PROCESS FOR PRODUCING AQUEOUS POLYACRYLAMIDE SOLUTIONS
  - [54] PROCEDE DE PRODUCTION DE SOLUTIONS AQUEUSES DE POLYACRYLAMIDE
  - [72] SPRAFKE, HAZEL, DE
  - [72] ZIMMERMANN, TOBIAS JOACHIM, DE
  - [72] MECKELNBURG, DIRK, DE
  - [72] LOESCH, DENNIS, DE
  - [72] OSTERMAYR, MARKUS, DE
  - [72] EL-TOUFAILI, FAISSAL-ALI, DE
  - [71] BASF SE, DE
  - [85] 2020-03-20
  - [86] 2018-10-18 (PCT/EP2018/078511)
  - [87] (WO2019/081330)
  - [30] EP (PCT/EP2017/077243) 2017-10-25
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**[21] 3,076,583**

[13] A1

- [51] Int.Cl. E21B 43/25 (2006.01) E21B 43/26 (2006.01)
- [25] EN
- [54] IMPROVED RESERVOIR STIMULATION METHOD AND APPARATUS
- [54] PROCEDE ET APPAREIL PERFECTIONNES DE STIMULATION DE RESERVOIR
- [72] QUINTERO, AURISTELA CAROLINA VASQUEZ, US
- [72] BRYANT, JASON, US
- [71] EQUINOR US OPERATIONS LLC, US
- [85] 2020-03-20
- [86] 2018-09-19 (PCT/NO2018/050233)
- [87] (WO2019/059779)
- [30] US (15/712,919) 2017-09-22

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[21] 3,076,584

[13] A1

[51] Int.Cl. B67C 3/22 (2006.01)

[25] EN

[54] METHOD OF INVERTING  
CONTAINER BASE PRIOR TO  
COOLING

[54] PROCEDE DE RETOURNEMENT  
D'UNE BASE DE RECIPIENT  
AVANT REFROIDISSEMENT

[72] LANE, MICHAEL T., US

[71] AMCOR RIGID PACKAGING USA,  
LLC, US

[85] 2020-03-20

[86] 2017-09-21 (PCT/US2017/052727)

[87] (WO2019/059912)

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[21] 3,076,585

[13] A1

[51] Int.Cl. C09J 7/40 (2018.01) C09J 7/22  
(2018.01) C09J 7/29 (2018.01)

[25] EN

[54] PACKAGING MATERIAL WITH  
MATTE AND GLOSSY  
APPEARANCE, AND COLD SEAL  
ADHESIVE

[54] MATERIAU D'EMBALLAGE  
AYANT UN ASPECT MAT ET  
BRILLANT, ET ADHESIF DE  
SOUDURE PAR PRESSION A  
FROID

[72] STUFFLEBEAM, JASON, US

[71] PRINTPACK ILLINOIS, INC., US

[85] 2020-03-20

[86] 2017-11-29 (PCT/US2017/063643)

[87] (WO2019/067005)

[30] US (62/565,294) 2017-09-29

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[21] 3,076,586

[13] A1

[51] Int.Cl. G06Q 20/38 (2012.01) G06F  
21/45 (2013.01) H04L 9/06 (2006.01)

[25] EN

[54] SYSTEM AND METHOD FOR  
AUTHORIZATION TOKEN  
GENERATION AND  
TRANSACTION VALIDATION

[54] SYSTEME ET PROCEDE DE  
GENERATION DE JETON  
D'AUTORISATION ET DE  
VALIDATION DE TRANSACTION

[72] STEINBERG, LOUIS A., US

[71] THE AUTHORITY NETWORK, INC.,  
US

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[86] 2018-04-03 (PCT/US2018/025900)

[87] (WO2019/059964)

[30] US (62/561,286) 2017-09-21

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[21] 3,076,587

[13] A1

[51] Int.Cl. B60B 7/06 (2006.01) B60B 7/04  
(2006.01)

[25] EN

[54] WHEEL COVER

[54] ENJOLIVEUR DE ROUE

[72] WREN, JONATHAN, US

[71] CONSOLIDATED METCO, INC., US

[85] 2020-03-20

[86] 2018-09-11 (PCT/US2018/050408)

[87] (WO2019/060173)

[30] US (15/712,740) 2017-09-22

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[21] 3,076,588

[13] A1

[51] Int.Cl. A45D 34/04 (2006.01) A45D  
34/00 (2006.01) B65D 1/08 (2006.01)  
B65D 47/18 (2006.01)

[25] EN

[54] CAP AND VIAL APPLICATOR  
SYSTEM FOR APPLYING TWO  
COSMETIC PRODUCTS

[54] SYSTEME APPLICATEUR A  
CAPUCHON ET FLACON POUR  
L'APPLICATION DE DEUX  
PRODUITS COSMETIQUES

[72] ROH, YEON JUNG, US

[71] ELC MANAGEMENT LLC, US

[85] 2020-03-20

[86] 2018-09-14 (PCT/US2018/051102)

[87] (WO2019/060222)

[30] US (15/710,044) 2017-09-20

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[13] A1

[51] Int.Cl. H01R 13/70 (2006.01) G06F  
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[25] EN

[54] CONTRABAND DETECTION  
THROUGH SMART POWER  
COMPONENTS

[54] DETECTION DE CONTREBANDE  
PAR L'INTERMEDIAIRE DE  
COMPOSANTS DE PUISSANCE  
INTELLIGENTS

[72] HODGE, STEPHEN L., US

[71] GLOBAL TEL\*LINK  
CORPORATION, US

[85] 2020-03-20

[86] 2018-09-20 (PCT/US2018/052011)

[87] (WO2019/060584)

[30] US (15/710,203) 2017-09-20

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[21] 3,076,590

[13] A1

[51] Int.Cl. C07F 17/00 (2006.01) B32B  
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C07C 49/633 (2006.01)

[25] EN

[54] SYNTHESIS OF CYCLIC  
ORGANIC COMPOUNDS AND  
METALLOCENES

[54] SYNTHESE DE COMPOSES  
ORGANIQUES CYCLIQUES ET DE  
METALLOCENES

[72] PADILLA-ACEVEDO, ANGELA I.,  
US

[72] KUHLMAN, ROGER L., US

[71] UNIVATION TECHNOLOGIES, LLC,  
US

[85] 2020-03-20

[86] 2018-09-19 (PCT/US2018/051617)

[87] (WO2019/067272)

[30] US (62/564,334) 2017-09-28

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[21] 3,076,591

[13] A1

[51] Int.Cl. C07F 17/00 (2006.01) C07F  
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[25] EN

[54] SYNTHESIS OF CYCLIC  
ORGANIC COMPOUNDS AND  
METALLOCENES

[54] SYNTHESE DE COMPOSES  
ORGANIQUES CYCLIQUES ET DE  
METALLOCENES

[72] PADILLA-ACEVEDO, ANGELA I.,  
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[72] KUHLMAN, ROGER L., US

[71] UNIVATION TECHNOLOGIES, LLC,  
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[86] 2018-09-19 (PCT/US2018/051619)

[87] (WO2019/067273)

[30] US (62/564,341) 2017-09-28

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[13] A1

[51] Int.Cl. B29C 49/00 (2006.01) B29C 49/04 (2006.01) C08J 3/22 (2006.01) C08J 5/18 (2006.01) C08L 23/04 (2006.01)  
[25] EN  
[54] MODIFIED POLYETHYLENE COMPOSITIONS AND METHOD FOR MAKING THE SAME  
[54] COMPOSITIONS DE POLYETHYLENE MODIFIEES ET PROCEDE POUR LES PREPARER  
[72] BALASUBRAMANIAM, SHARAVANAN, US  
[72] DEMIRORS, MEHMET, US  
[72] KARJALA, TERESA P., US  
[72] GOMES, JORGE CAMINERO, BR  
[72] RAIMONDI, GUILLERMO A., AR  
[72] LUTKENHAUS, DAVIDSON, BR  
[72] TRICOTTI, MARIE DE LUJAN, AR  
[71] DOW GLOBAL TECHNOLOGIES LLC, US  
[71] PBBPOLISUR S.R.L, AR  
[85] 2020-03-20  
[86] 2018-09-14 (PCT/US2018/051151)  
[87] (WO2019/067239)  
[30] US (62/563,872) 2017-09-27

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[21] **3,076,593**  
[13] A1

[51] Int.Cl. C07F 17/00 (2006.01) C07F 7/00 (2006.01) C08F 10/00 (2006.01)  
[25] EN  
[54] SYNTHESIS OF CYCLIC ORGANIC COMPOUNDS AND METALLOCENES  
[54] SYNTHESE DE COMPOSES ORGANIQUES CYCLIQUES ET DE METALLOCENES  
[72] PADILLA-ACEVEDO, ANGELA I., US  
[72] KUHLMAN, ROGER L., US  
[71] UNIVATION TECHNOLOGIES, LLC, US  
[85] 2020-03-20  
[86] 2018-09-19 (PCT/US2018/051616)  
[87] (WO2019/067271)  
[30] US (62/564,339) 2017-09-28

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[51] Int.Cl. C12N 1/21 (2006.01) A61K 35/74 (2015.01) A61K 39/02 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07K 14/21 (2006.01) C12N 1/20 (2006.01) C12N 15/31 (2006.01) C12P 21/02 (2006.01)  
[25] EN  
[54] BACTERIAL PROTEIN COMPOSITIONS AND USES THEREOF  
[54] COMPOSITIONS DE PROTEINES BACTERIENNES ET UTILISATIONS ASSOCIEES  
[72] RATHER, PHILIP, US  
[72] WEISS, DAVID, US  
[72] CHIN, CHUI-YOKE, US  
[72] TIPTON, KYLE, US  
[71] EMORY UNIVERSITY, US  
[71] THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US  
[85] 2020-03-20  
[86] 2018-09-19 (PCT/US2018/051768)  
[87] (WO2019/060428)  
[30] US (62/561,199) 2017-09-20

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[21] **3,076,595**  
[13] A1

[51] Int.Cl. H03F 3/217 (2006.01) H03M 1/50 (2006.01) H03M 3/02 (2006.01)  
[25] EN  
[54] DIGITAL-TO-ANALOG CONVERTER AND AMPLIFIER FOR HEADPHONES  
[54] CONVERTISSEUR NUMERIQUE-ANALOGIQUE ET AMPLIFICATEUR POUR CASQUE D'ECOUTE  
[72] LEE, WAI LAING, US  
[71] AVNERA CORPORATION, US  
[85] 2020-03-20  
[86] 2018-09-20 (PCT/US2018/051979)  
[87] (WO2019/060565)  
[30] US (62/561,586) 2017-09-21

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[13] A1

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[25] EN  
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[54] TELEMESURE EN PROFONDEUR DE FORAGE EN MER A L'AIDE D'UN CABLE DE FOND MARIN  
[72] WILSON, GLENN ANDREW, SG  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2020-03-20  
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[13] A1

[51] Int.Cl. H04N 21/44 (2011.01) H04N 21/234 (2011.01) H04N 21/4408 (2011.01) H04N 21/4725 (2011.01) H04N 21/6334 (2011.01)  
[25] EN  
[54] METHODS AND SYSTEMS FOR DETERMINING A VIDEO PLAYER PLAYBACK POSITION  
[54] SYSTEMES ET PROCEDES POUR DETERMINER UNE POSITION DE LECTURE SUR UN LECTEUR VIDEO  
[72] SHANSON, SPENCER, US  
[71] PLUTO INC., US  
[85] 2020-03-20  
[86] 2018-09-20 (PCT/US2018/051966)  
[87] (WO2019/060554)  
[30] US (15/714,931) 2017-09-25

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[21] **3,076,661**

[13] A1

[51] Int.Cl. E04B 9/20 (2006.01)

[25] EN

[54] CEILING SYSTEM

[54] SYSTEME DE PLAFOND

[72] PLACE, KAIN A., US

[72] HARNISH, SCOTT D., US

[72] MARKLEY, JEFFREY T., US

[72] WHITE, IAN V., US

[72] MCDERMOTT, IAN, US

[72] HOOPER, JAMES F., JR., US

[72] BERGMAN, TODD M., US

[72] RICE, DAVID E., US

[71] ARMSTRONG WORLD  
INDUSTRIES, INC., US

[85] 2020-03-20

[86] 2018-09-20 (PCT/US2018/052058)

[87] (WO2019/060620)

[30] US (62/561,407) 2017-09-21

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[13] A1

[51] Int.Cl. C04B 35/622 (2006.01)

[25] EN

[54] CRYSTALLINE SILICA FREE  
LOW BIOPERSISTENCE  
INORGANIC FIBER

[54] FIBRE INORGANIQUE A FAIBLE  
BIOPERSISTANCE EXEMPTE DE  
SILICE CRISTALLINE

[72] ZHAO, DONGHUI, US

[72] ZOITOS, BRUCE K., US

[72] ANDREJCAK, MICHAEL J., US

[72] HAMILTON, JASON M., US

[72] HANSON, KAREN L., US

[71] UNIFRAX 1 LLC, US

[85] 2020-03-20

[86] 2018-10-05 (PCT/US2018/054636)

[87] (WO2019/074794)

[30] US (62/570,122) 2017-10-10

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[13] A1

[51] Int.Cl. A61K 39/395 (2006.01) A61K  
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A61P 19/02 (2006.01) C07K 14/715  
(2006.01) C07K 16/22 (2006.01) C07K  
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[25] EN

[54] METHODS FOR TREATING  
DEGENERATIVE DISC DISEASE  
AND CHRONIC LOWER BACK  
PAIN

[54] PROCEDES POUR TRAITER UNE  
MALADIE DISCALE

DEGENERATIVE ET UNE  
LOMBALGIE CHRONIQUE

[72] SLABY, ONDREJ, US

[72] CAPOOR, MANU, US

[71] ECM DIAGNOSTICS, INC., US

[85] 2020-03-20

[86] 2018-09-25 (PCT/US2018/052539)

[87] (WO2019/060869)

[30] US (62/562,642) 2017-09-25

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[51] Int.Cl. A23K 20/189 (2016.01) A23K  
50/10 (2016.01) C12N 9/24 (2006.01)  
C12N 15/82 (2006.01)

[25] EN

[54] IMPROVED ANIMAL FEED  
COMPOSITIONS AND METHODS  
OF USE

[54] COMPOSITIONS AMELIOREES  
D'ALIMENTATION ANIMALE ET  
PROCEDES D'UTILISATION

[72] WATSON, EILEEN DOROTHEA, US

[72] WITHERSPOON, DAVID, US

[72] IRAGAVARAPU, TAMMIRAJ  
KUMAR, US

[71] SYNGENTA PARTICIPATIONS AG,  
CH

[85] 2020-03-20

[86] 2018-10-10 (PCT/US2018/055169)

[87] (WO2019/075028)

[30] US (62/571,378) 2017-10-12

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[13] A1

[51] Int.Cl. C12N 5/071 (2010.01) C12M  
3/00 (2006.01) C12M 3/04 (2006.01)  
C12M 3/06 (2006.01) C12N 5/02  
(2006.01) C12Q 1/02 (2006.01)

[25] EN

[54]

PHYSIOLOGY AND  
PATHOPHYSIOLOGY OF HUMAN  
GUT: INTESTINE-ON-CHIP

[54] PHYSIOLOGIE ET  
PATHOPHYSIOLOGIE DE  
L'INTESTIN HUMAIN : INTESTIN-  
SUR-PUCE

[72] APOSTOLOU, ATHANASIA, US

[72] VARONE, ANTONIO, US

[72] KASENDRA, MAGDALENA, US

[72] LUC, RAYMOND, US

[71] EMULATE, INC., US

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  - [25] EN
  - [54] LITHIUM-RICH OXIDE POSITIVE ELECTRODE MATERIAL, PREPARATION METHOD THEREFOR, AND LITHIUM ION BATTERY
  - [54] MATERIAU D'ELECTRODE POSITIVE EN OXYDE RICHE EN LITHIUM, SON PROCEDE DE PREPARATION, ET BATTERIE LITHIUM-ION
  - [72] QIU, BAO, CN
  - [72] XIA, YONGGAO, CN
  - [72] LIU, ZHAOPING, CN
  - [71] NINGBO INSTITUTE OF MATERIALS TECHNOLOGY AND ENGINEERING, CHINESE ACADY OF SCIENCES, CN
  - [85] 2020-03-20
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  - [87] (WO2019/095530)
  - [30] CN (201711158982.7) 2017-11-20
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[13] A1

- [51] Int.Cl. C12N 15/09 (2006.01) C12N 15/113 (2010.01) A61K 48/00 (2006.01) A61P 25/00 (2006.01) C07K 19/00 (2006.01) C12N 9/78 (2006.01) C12N 15/10 (2006.01) C12N 15/11 (2006.01) C12N 15/62 (2006.01) C12N 15/864 (2006.01) C12N 15/90 (2006.01)
  - [25] EN
  - [54] COMPOSITIONS AND METHODS FOR EDITING RNA
  - [54] COMPOSITIONS ET PROCEDES D'EDITION DES ARN
  - [72] MANDEL, GAIL, US
  - [72] ADELMAN, JOHN P., US
  - [72] SINNAMON, JOHN, US
  - [71] OREGON HEALTH & SCIENCE UNIVERSITY, US
  - [85] 2020-03-31
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  - [87] (WO2019/071274)
  - [30] US (62/569,376) 2017-10-06
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[13] A1

- [51] Int.Cl. A61B 5/11 (2006.01) A61G 5/10 (2006.01) A61G 7/057 (2006.01)
  - [25] EN
  - [54] METHODS AND SYSTEMS FOR INERTIAL MEASUREMENT OF PRESSURE MANAGEMENT MOVEMENTS
  - [54] PROCEDES ET SYSTEMES DE MESURE INERTIELLE DE MOUVEMENTS DE GESTION DE LA PRESSION
  - [72] DELLOW, GARY A.J., NZ
  - [72] KOREVAAR, AGNETHA, NZ
  - [71] INVACARE CORPORATION, US
  - [85] 2020-02-26
  - [86] 2018-08-28 (PCT/US2018/048301)
  - [87] (WO2019/046272)
  - [30] US (62/551,016) 2017-08-28
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[13] A1

- [51] Int.Cl. B65B 53/06 (2006.01) B65C 3/06 (2006.01) F17C 13/00 (2006.01)
  - [25] EN
  - [54] CYLINDRICAL SHRINK WRAPS AND APPARATUS AND METHOD OF APPLYING SAME
  - [54] EMBALLAGES RETRECISSABLES CYLINDRIQUES ET LEUR APPAREIL ET PROCEDE D'APPLICATION
  - [72] VERMETTE, JOHANNE, CA
  - [71] VERMETTE, JOHANNE, CA
  - [85] 2020-03-21
  - [86] 2018-11-06 (PCT/IB2018/058723)
  - [87] (WO2019/087170)
  - [30] US (62/582,156) 2017-11-06
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[13] A1

- [51] Int.Cl. H01L 39/24 (2006.01) G06N 99/00 (2019.01) G03F 7/09 (2006.01)
  - [25] EN
  - [54] REDUCING JUNCTION RESISTANCE VARIATION IN TWO-STEP DEPOSITION PROCESSES
  - [54] REDUCTION DE LA VARIATION DE RESISTANCE DE JONCTION DANS DES PROCEDES DE DEPOT EN DEUX ETAPES
  - [72] BURKETT, BRIAN JAMES, US
  - [71] GOOGLE LLC, US
  - [85] 2020-03-18
  - [86] 2017-09-18 (PCT/US2017/052049)
  - [87] (WO2019/055048)
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[13] A1

- [51] Int.Cl. A61B 5/00 (2006.01) A61B 8/08 (2006.01) G06T 7/20 (2017.01)
  - [25] EN
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  - [54] SYSTEME ET PROCEDE DE MESURE DE CINEMATIQUE DE CORPS EN TEMPS REEL
  - [72] POL, SUHAS, US
  - [72] GILBERT, KERRY K., US
  - [72] SIZER, PHILLIP S., US
  - [72] ELLIS, RICHARD, NZ
  - [71] TEXAS TECH UNIVERSITY SYSTEM, US
  - [85] 2020-03-05
  - [86] 2018-09-06 (PCT/US2018/049770)
  - [87] (WO2019/051099)
  - [30] US (62/554,883) 2017-09-06
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[13] A1

- [51] Int.Cl. C12P 7/40 (2006.01) C12P 7/42 (2006.01) C12P 7/52 (2006.01) C12P 7/54 (2006.01) C12P 7/56 (2006.01)
- [25] EN
- [54] METHOD FOR PRODUCING ORGANIC ACID SALTS FROM FERMENTATION BROTH
- [54] PROCEDE DE PRODUCTION DE SELS D'ACIDE ORGANIQUE A PARTIR D'UN BOUILLON DE FERMENTATION
- [72] SEVENIER, ANTOINE, FR
- [72] COLOMB, CEDRIC, FR
- [72] MARTIN, BENJAMIN, FR
- [71] METABOLIC EXPLORER, FR
- [85] 2020-03-24
- [86] 2018-10-01 (PCT/EP2018/076648)
- [87] (WO2019/068642)
- [30] EP (17306317.3) 2017-10-02

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[13] A1

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[25] EN  
[54] A TRACKING SYSTEM AND METHOD  
[54] SYSTEME ET PROCEDE DE SUIVI  
[72] AL DHAHERI, NOURA AHMED SULTAN SAEED, AE  
[72] URBINA, VINCENT GONZALEZ, AE  
[71] ABU DHABI PORTS COMPANY PJSC, AE  
[85] 2020-03-23  
[86] 2018-09-27 (PCT/AU2018/051056)  
[87] (WO2019/060957)  
[30] GB (1715641.5) 2017-09-27  
[30] AU (PCT/AU2018/050082) 2018-02-06

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[13] A1

[51] Int.Cl. B01L 3/00 (2006.01) C40B 20/04 (2006.01) C40B 30/04 (2006.01) C40B 70/00 (2006.01)  
[25] EN  
[54] OLIGONUCLEOTIDE ENCODED CHEMICAL LIBRARIES  
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[72] ROKICKI, JOSEPH FRANKLIN, US  
[72] VAN NGUYEN, MICHAEL, US  
[72] MACCONNELL, ANDREW BOYD, US  
[72] VIJAYAN, KANDASWAMY, US  
[71] PLEXIUM, INC., US  
[85] 2020-03-23  
[86] 2018-09-24 (PCT/US2018/052497)  
[87] (WO2019/060857)  
[30] US (62/562,912) 2017-09-25  
[30] US (62/562,905) 2017-09-25

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[13] A1

[51] Int.Cl. C12P 7/04 (2006.01) C12N 9/04 (2006.01) C12P 7/24 (2006.01) C12P 7/40 (2006.01) C12P 7/44 (2006.01)  
[25] EN  
[54] GENETICALLY MODIFIED ISOPROPYLMALATE ISOMERASE ENZYME COMPLEXES AND PROCESSES TO PREPARE ELONGATED 2-KETOACIDS AND C5-C10 COMPOUNDS THEREWITH  
[54] COMPLEXES D'ENZYME ISOPROPYLMALATE ISOMERASE GENETIQUEMENT MODIFIES ET PROCEDES DE PREPARATION DE 2-CETOACIDES ALLONGES ET DE COMPOSES EN C5-C10 AVEC CEUX-CI

[72] SANGHANI, PARESH, US  
[72] SHIUE, ERIC C., US  
[72] GREENWALT, SCOTT A., US  
[71] DOW GLOBAL TECHNOLOGIES LLC, US  
[85] 2020-03-23  
[86] 2018-09-25 (PCT/US2018/052579)  
[87] (WO2019/067412)  
[30] US (62/565,271) 2017-09-29

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[13] A1

[51] Int.Cl. F15B 13/043 (2006.01) F16K 31/126 (2006.01)  
[25] EN  
[54] RELAY VALVE AND FORCE BALANCING METHOD  
[54] SOUPAPE DE RELAIS ET PROCEDE D'EQUILIBRAGE DE FORCE  
[72] METSCHKE, CHRISTOPHER S., US  
[71] FISHER CONTROLS INTERNATIONAL LLC, US  
[85] 2020-03-23  
[86] 2018-09-25 (PCT/US2018/052601)  
[87] (WO2019/067422)  
[30] US (62/565,960) 2017-09-29

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[13] A1

[51] Int.Cl. A61K 9/107 (2006.01) A61K 31/05 (2006.01) A61K 31/352 (2006.01) A61K 47/22 (2006.01)  
[25] EN  
[54] STABLE CANNABINOID COMPOSITIONS  
[54] COMPOSITIONS STABLES DE CANNABINOIDE  
[72] KNOLLER, ILSE, DE  
[72] SOWIK, THOMAS, DE  
[71] SINO-GERMAN M&A SERVICE GMBH, DE  
[85] 2020-03-23  
[86] 2018-07-06 (PCT/EP2018/068452)  
[87] (WO2019/008179)  
[30] EP (17180380.2) 2017-07-07

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[13] A1

[51] Int.Cl. A61K 9/70 (2006.01) A61K 38/08 (2019.01) A61K 47/10 (2017.01) A61K 47/18 (2017.01) A61K 47/38 (2006.01)  
[25] EN  
[54] DELIVERY PHARMACEUTICAL COMPOSITIONS INCLUDING PERMEATION ENHancers  
[54] COMPOSITIONS PHARMACEUTIQUES ADMINISTRABLES CONTENANT DES PROMOTEURS DE PERMEATION  
[72] WARGACKI, STEPHEN PAUL, US  
[72] KAINTHAN, RAJESH KUMAR, US  
[72] SCHOBEL, ALEXANDER MARK, US  
[71] AQUESTIVE THERAPEUTICS, INC., US  
[85] 2020-03-23  
[86] 2018-09-26 (PCT/US2018/052927)  
[87] (WO2019/067596)  
[30] US (62/563,534) 2017-09-26

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**[21] 3,076,752**

[13] A1

- [51] Int.Cl. B01D 3/12 (2006.01) B01D 11/02 (2006.01) B01D 15/18 (2006.01) C07D 311/80 (2006.01)
- [25] EN
- [54] SHORT PATH DISTILLATION IN VACUUM FOR ENRICHING NATURAL SUBSTANCES
- [54] DISTILLATION A COURT TRAJET SOUS VIDE POUR L'ENRICHISSEMENT DE SUBSTANCES NATURELLES
- [72] RUTZ, ANDREAS, DE
- [72] ENGLERT, MICHAEL, DE
- [71] BIONORICA ETHICS GMBH, DE
- [85] 2020-03-23
- [86] 2018-10-01 (PCT/EP2018/076699)
- [87] (WO2019/063848)
- [30] EP (17194270.9) 2017-09-30

**[21] 3,076,753**

[13] A1

- [51] Int.Cl. H01J 37/32 (2006.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01) B33Y 50/02 (2015.01)
- [25] EN
- [54] MODULAR PRINT HEAD ASSEMBLY FOR PLASMA JET PRINTING
- [54] ENSEMBLE TETE D'IMPRESSION MODULAIRE POUR IMPRESSION A JET DE PLASMA
- [72] GANDHIRAMAN, RAMPRASAD, US
- [72] O'MOORE, FERGAL JOHN, US
- [72] NORDLUND, LIEF NIKLAS DENNIS, US
- [72] LOPEZ, ARLENE LYNETTE, US
- [71] SPACE FOUNDRY INC., US
- [85] 2020-03-23
- [86] 2018-10-01 (PCT/US2018/053703)
- [87] (WO2019/068070)
- [30] US (62/566,488) 2017-10-01
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[13] A1

- [51] Int.Cl. A23L 11/30 (2016.01) A23L 33/185 (2016.01) A23J 1/14 (2006.01) A23J 3/14 (2006.01)
- [25] FR
- [54] PEA PROTEIN COMPOSITION HAVING IMPROVED NUTRITIONAL QUALITY
- [54] COMPOSITION DE PROTEINES DE POIS A QUALITE NUTRITIONNELLE AMELIOREE
- [72] LECOCQ, ALINE, FR
- [72] IBERT, MATHIAS, FR
- [71] ROQUETTE FRERES, FR
- [85] 2020-03-23
- [86] 2018-10-01 (PCT/FR2018/052403)
- [87] (WO2019/068998)
- [30] FR (17 59287) 2017-10-04

**[21] 3,076,755**

[13] A1

- [51] Int.Cl. C12N 15/10 (2006.01) C12Q 1/68 (2018.01)
- [25] EN
- [54] MULTINOMIAL ENCODING FOR OLIGONUCLEOTIDE-DIRECTED COMBINATORIAL CHEMISTRY
- [54] CODAGE MULTINOMIAL POUR CHIMIE COMBINATOIRE DIRIGEE PAR DES OLIGONUCLEOTIDES
- [72] WATTS, RICHARD EDWARD, US
- [72] KANICCHAR, DIVYA, US
- [71] HAYSTACK SCIENCES CORPORATION, US
- [85] 2020-03-23
- [86] 2018-09-24 (PCT/US2018/052494)
- [87] (WO2019/060856)
- [30] US (62/562,582) 2017-09-25

**[21] 3,076,756**

[13] A1

- [51] Int.Cl. C08G 59/18 (2006.01) C08G 65/26 (2006.01)
- [25] EN
- [54] POLYMERIC DISPERSANTS FROM ARALKYLATED PHENOLS
- [54] DISPERSANTS POLYMERES OBtenus A PARTIR DE PHENOLS ARALKYLES
- [72] BOEBEL, TIMOTHY A., US
- [72] DONG, XUE MIN, US
- [72] ROJAS, CAROLINA E., US
- [72] LUKA, RENNE, US
- [72] LUEBKE, GARY, US
- [71] STEPAN COMPANY, US
- [85] 2020-03-23
- [86] 2018-10-09 (PCT/US2018/054958)
- [87] (WO2019/074896)
- [30] US (62/570,279) 2017-10-10
- [30] US (62/684,335) 2018-06-13

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- [25] EN
- [54] HETEROARYL COMPOUNDS AS MUSCARINIC M1 RECEPTOR POSITIVE ALLOSTERIC MODULATORS
- [54] COMPOSES HETEROARYLE UTILISES EN TANT QUE MODULATEURS ALLOSTERIQUES POSITIFS DU RECEPTEUR MUSCARINIQUE M1
- [72] NIROGI, RAMAKRISHNA, IN
- [72] MOHAMMED, ABDUL RASHEED, IN
- [72] SHINDE, ANIL KARBHARI, IN
- [72] RAVELLA, SRINIVAS, IN
- [72] MIDDEKADI, VANAJA, IN
- [72] GOYAL, VINOD KUMAR, IN
- [72] JAYARAJAN, PRADEEP, IN
- [72] DARIPELLI, SAIVISHAL, IN
- [72] JASTI, VENKATESWARLU, IN
- [71] SUVEN LIFE SCIENCES LIMITED, IN
- [85] 2020-03-23
- [86] 2018-10-17 (PCT/IB2018/058047)
- [87] (WO2019/077517)
- [30] IN (201741037090) 2017-10-18

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<p>[21] <b>3,076,758</b> [13] A1</p> <p>[51] Int.Cl. G01N 23/04 (2018.01)</p> <p>[25] EN</p> <p>[54] SCANNING IMAGING SYSTEM FOR SECURITY INSPECTION OF AN OBJECT AND IMAGING METHOD THEREOF</p> <p>[54] SYSTEME D'IMAGERIE A BALAYAGE POUR INSPECTION DE SECURITE D'ARTICLE ET PROCEDE D'IMAGERIE ASSOCIE</p> <p>[72] ZHANG, LI, CN</p> <p>[72] CHEN, ZHIQIANG, CN</p> <p>[72] SHEN, LE, CN</p> <p>[72] HUANG, QINGPING, CN</p> <p>[72] SUN, YUNDA, CN</p> <p>[72] JIN, XIN, CN</p> <p>[72] DING, HUI, CN</p> <p>[72] XING, YUXIANG, CN</p> <p>[71] NUCTECH COMPANY LIMITED, CN</p> <p>[71] TSINGHUA UNIVERSITY, CN</p> <p>[85] 2020-03-23</p> <p>[86] 2018-05-25 (PCT/CN2018/088427)</p> <p>[87] (WO2019/062171)</p> <p>[30] CN (201710882633.3) 2017-09-26</p>
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<p>[21] <b>3,076,760</b> [13] A1</p> <p>[51] Int.Cl. H04W 74/00 (2009.01)</p> <p>[25] EN</p> <p>[54] RANDOM ACCESS METHOD AND APPARATUS</p> <p>[54] PROCEDE D'ACCES ALEATOIRE, ET APPAREIL</p> <p>[72] YAN, MAO, CN</p> <p>[72] HUANG, HUANG, CN</p> <p>[72] GAO, KUANDONG, CN</p> <p>[71] HUAWEI TECHNOLOGIES CO., LTD., CN</p> <p>[85] 2020-03-23</p> <p>[86] 2018-09-30 (PCT/CN2018/109058)</p> <p>[87] (WO2019/063007)</p> <p>[30] CN (201710917141.3) 2017-09-30</p>
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<p>[21] <b>3,076,764</b>  [13] A1</p> <p>[51] Int.Cl. C09K 11/06 (2006.01) H01L 51/54 (2006.01)</p> <p>[25] EN</p> <p>[54] ORGANIC LIGHT EMITTING DIODES AND COMPOSITIONS THEREFOR COMPRISING PHTHALOCYANINE DERIVATIVES</p> <p>[54] DIODES ELECTROLUMINESCENTES ORGANIQUES ET COMPOSITIONS ASSOCIEES COMPRENANT DES DERIVES DE PHTHALOCYANINE</p> <p>[72] BENDER, TIMOTHY P., CA</p> <p>[72] PLINT, TREVOR, CA</p> <p>[72] LESSARD, BENOIT, CA</p> <p>[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA</p> <p>[85] 2020-03-23</p> <p>[86] 2018-09-25 (PCT/CA2018/051207)</p> <p>[87] (WO2019/056133)</p>
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<p>[21] <b>3,076,765</b>  [13] A1</p> <p>[51] Int.Cl. C07D 498/10 (2006.01) A61K 31/537 (2006.01) A61P 29/00 (2006.01)</p> <p>[25] EN</p> <p>[54] SALTS OF (R)-9-(2,5-DIFLUOROPHENETHYL)-4-ETHYL-2-METHYL-1-OXA-4,9-DIAZASPIRO[5.5]UNDECAN-3-ONE</p> <p>[54] SELS DE (R)-9-(2,5-DIFLUOROPHENETHYL)-4-ETHYL-2-METHYL-1-OXA-4,9-DIAZASPIRO [5.5]UNDECAN-3-ONE</p> <p>[72] ALMANSA-ROSALES, CARMEN, ES</p> <p>[72] TESSON, NICOLAS, ES</p> <p>[71] ESTEVE PHARMACEUTICALS, S.A., ES</p> <p>[85] 2020-03-23</p> <p>[86] 2018-10-16 (PCT/EP2018/000470)</p> <p>[87] (WO2019/076475)</p> <p>[30] EP (17 382 695.9) 2017-10-17</p>
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<p>[21] <b>3,076,770</b>  [13] A1</p> <p>[51] Int.Cl. A61F 6/18 (2006.01) A61F 6/14 (2006.01)</p> <p>[25] EN</p> <p>[54] AN INSERTER FOR AN INTRAUTERINE SYSTEM</p> <p>[54] INSTRUMENT D'INTRODUCTION POUR SYSTEME INTRA-UTERIN</p> <p>[72] MIKKONEN, JOONAS, FI</p> <p>[71] BAYER OY, FI</p> <p>[85] 2020-03-23</p> <p>[86] 2018-09-20 (PCT/EP2018/075477)</p> <p>[87] (WO2019/063410)</p> <p>[30] EP (17193406.0) 2017-09-27</p>
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<p>[21] <b>3,076,776</b>  [13] A1</p> <p>[51] Int.Cl. A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 47/06 (2006.01)</p> <p>[25] EN</p> <p>[54] OPHTHALMIC COMPOSITIONS COMPRISING LATANOPROST FOR USE IN THE TREATMENT OF OCULAR DISEASES</p> <p>[54] COMPOSITIONS OPHTALMIQUES COMPRENANT DU LATANOPROST, DESTINEES A ETRE UTILISEES DANS LE TRAITEMENT DE MALADIES OCULAIRES</p> <p>[72] GUNTHER, BERNHARD, DE</p> <p>[72] LOSCHER, FRANK, DE</p> <p>[72] EICKHOFF, KIRSTEN, DE</p> <p>[71] NOVALIQ GMBH, DE</p> <p>[85] 2020-03-23</p> <p>[86] 2018-09-25 (PCT/EP2018/075974)</p> <p>[87] (WO2019/063551)</p> <p>[30] EP (17193364.1) 2017-09-27</p>
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[13] A1

[51] Int.Cl. A61F 2/16 (2006.01)  
[25] FR  
[54] ASSEMBLY CONSISTING OF A PAIR OF MULTIFOCAL OCULAR IMPLANTS  
[54] ENSEMBLE CONSTITUE D'UNE PAIRE D'IMPLANTS OCULAIRES MULTIFOCAUX  
[72] CASTIGNOLES, FANNIE, FR  
[72] DELAGE, DENIS, FR  
[71] CRISTALENS INDUSTRIE, FR  
[85] 2020-03-23  
[86] 2018-10-01 (PCT/EP2018/076656)  
[87] (WO2019/068645)  
[30] FR (1759329) 2017-10-05

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[21] **3,076,790**  
[13] A1

[51] Int.Cl. A23G 1/30 (2006.01) A21D 13/10 (2017.01) A21D 13/13 (2017.01) A21D 13/20 (2017.01) A23D 9/00 (2006.01) A23G 1/36 (2006.01) A23G 1/38 (2006.01) A23G 1/54 (2006.01) C11C 3/02 (2006.01) C11C 3/04 (2006.01)  
[25] EN  
[54] NON-BLOOM COMESTIBLE PRODUCT  
[54] PRODUIT COMESTIBLE SANS BLANCHIMENT  
[72] RABAULT, JEAN-LUC, FR  
[72] BELOUIN, FRANCOIS, FR  
[71] GENERALE BISCUIT, FR  
[85] 2020-03-23  
[86] 2018-10-26 (PCT/EP2018/079476)  
[87] (WO2019/081745)  
[30] EP (17306481.7) 2017-10-27

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[13] A1

[51] Int.Cl. C07K 16/46 (2006.01)  
[25] EN  
[54] NOVEL ANTIGEN-BINDING CHIMERIC PROTEINS AND METHODS AND USES THEREOF  
[54] NOUVELLES PROTEINES CHIMERIQUES DE LIAISON A L'ANTIGENE, PROCEDES ET UTILISATIONS DE CELLES-CI  
[72] STEYAERT, JAN, BE  
[72] PARDON, ELS, BE  
[72] UCHANSKI, TOMASZ, BE  
[72] VRANKEN, WIM, BE  
[71] VIB VZW, BE  
[71] VRIJE UNIVERSITEIT BRUSSEL, BE  
[85] 2020-03-23  
[86] 2018-10-31 (PCT/EP2018/079891)  
[87] (WO2019/086548)  
[30] EP (17199472.6) 2017-10-31  
[30] EP (18199709.9) 2018-10-10

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[13] A1

[51] Int.Cl. B25B 13/04 (2006.01) B25B 13/16 (2006.01) B25B 23/00 (2006.01)  
[25] EN  
[54] FASTENER HOLDING SPANNER  
[54] CLE DE MAINTIEN D'ELEMENT DE FIXATION  
[72] QUICKE, STEPHEN, GB  
[71] HANDS FREE BOLTING LIMITED, GB  
[85] 2020-03-23  
[86] 2017-09-26 (PCT/GB2017/052871)  
[87] (WO2018/055417)  
[30] GB (1616295.0) 2016-09-26

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[13] A1

[51] Int.Cl. C07K 14/62 (2006.01)  
[25] EN  
[54] INTEGRATED AUTOMATED FILTRATION FOR SEPARATION, WASHING AND DRYING OF PEPTIDE CRYSTALS  
[54] FILTRATION AUTOMATISEE INTEGREE POUR LA SEPARATION, LE LAVAGE ET LE SECHAGE DE CRISTAUX DE PEPTIDES  
[72] KANDUKURI, SAI SRIKAR, IN  
[72] SHUKLA, VIBHAVA, IN  
[72] MARIMUTHU, ARUL, IN  
[72] PATHY, MUKUL, IN  
[72] HAZRA, PARTHA P., IN  
[71] BIOCON BIOLOGICS INDIA LIMITED, IN  
[85] 2020-03-23  
[86] 2018-09-19 (PCT/IB2018/057204)  
[87] (WO2019/064125)  
[30] IN (201741034158) 2017-09-26

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**[21] 3,076,794**  
[13] A1

[51] Int.Cl. A61K 31/015 (2006.01) A61K 31/03 (2006.01) A61K 31/085 (2006.01) A61K 31/165 (2006.01) A61K 31/235 (2006.01) A61K 31/24 (2006.01) A61K 31/353 (2006.01) A61K 31/382 (2006.01) A61K 31/404 (2006.01) A61K 31/7036 (2006.01) A61K 31/706 (2006.01) A61P 33/06 (2006.01) A61P 35/02 (2006.01) C07C 69/76 (2006.01) C07C 211/38 (2006.01) C07C 233/10 (2006.01) C07D 209/08 (2006.01) C07D 311/20 (2006.01) C07D 335/06 (2006.01) C07H 13/08 (2006.01) C07H 15/203 (2006.01)

[25] FR

[54] AGENTS INHIBITING TCTP PROTEIN FOR THE TREATMENT OF PROLIFERATIVE DISEASES, INFECTIOUS DISEASES, ALLERGIES, INFLAMMATIONS AND/OR ASTHMA

[54] AGENTS INHIBANT LA PROTEINE TCTP POUR LE TRAITEMENT DE MALADIES PROLIFERATIVES, DE MALADIES INFECTIEUSES, D'ALLERGIES, D'INFLAMMATIONS ET/OU DE L'ASTHME

[72] MESSAOUDI, SAMIR, FR

[72] ALAMI, MOUAD, FR

[72] BRION, JEAN-DANIEL, FR

[72] CHABRIER, AMELIE, FR

[72] TELERMAN, ADAM, FR

[72] AMSON, ROBERT, FR

[71] UNIVERSITE PARIS-SUD, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR

[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR

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[54] SYSTEME ET PROCEDE DE DETECTION ET DE TRAITEMENT DE LA CORROSION PAR SOUDURE CONTINUE SELECTIVE DANS UN CONDUIT  
[72] ANDREW, JIM, US  
[72] SIMEK, JAMES, US  
[71] KPL SOUTH TEXAS, LLC, US  
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[54] ARMOIRE DE FOURNITURES MEDICALES  
[72] MANN, STEPHEN IAN, NZ  
[72] MONTGOMERY, PETER JAMES, NZ  
[72] CLARIDGE, MATTHEW, NZ  
[72] WELLACOTT, JAMES, NZ  
[71] INVENTORYTECH LIMITED, NZ  
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[25] EN  
[54] METHOD FOR FORMING MULTILAYER COATING FILM  
[54] PROCEDE DE FORMATION D'UN FILM DE REVETEMENT MULTICOUCHE  
[72] IMANAKA, KENJI, JP  
[72] KITAGAWA, HIROSHI, JP  
[71] KANSAI PAINT CO., LTD., JP  
[85] 2020-03-23  
[86] 2018-08-09 (PCT/JP2018/029958)  
[87] (WO2019/064958)  
[30] JP (2017-184366) 2017-09-26

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[54] APPAREIL D'EXTRACTION ET PROCEDE D'EXTRACTION  
[72] KIHARA, KAISHUN, JP  
[72] TORIZU, TAISUKE, JP  
[72] NOAKE, NOBUHIRO, JP  
[72] ABE, KAZUHIRO, JP  
[71] TREE FIELD, INC., JP  
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 [25] EN  
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 [54] CONDUCTEUR POREUX AYANT UNE NANOSTRUCTURE CONDUCTRICE ET DISPOSITIF DE STOCKAGE D'ELECTRICITE L'UTILISANT  
 [72] HOSHINO, KATSUYOSHI, JP  
 [72] SUGAWARA, YOUSUKE, JP  
 [72] YAMADA, RIO, JP  
 [72] MAGORI, AOI, JP  
 [72] AOKI, NOBUYUKI, JP  
 [72] HAJI, KEIICHIRO, JP  
 [72] MURAMATSU, DAISUKE, JP  
 [71] NATIONAL UNIVERSITY CORPORATION CHIBA UNIVERSITY, JP  
 [71] TOMOEGAWA CO., LTD., JP  
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 [30] JP (2017-183614) 2017-09-25  
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 [54] SENSOR WITH DISCRETE IMPEDANCE ELEMENTS FOR HIGH VOLTAGE CONNECTORS  
 [54] CAPTEUR A ELEMENTS D'IMPEDANCE DISCRETS POUR CONNECTEURS A HAUTE TENSION  
 [72] WESTKAMP, HARALD, DE  
 [72] SCHUBERT, BERND, DE  
 [72] GRAVERMANN, MARK, DE  
 [72] WEICHOLD, JENS, DE  
 [71] 3M INNOVATIVE PROPERTIES COMPANY, US  
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 [72] FUJIWARA, TOSHIO, US  
 [72] JOANNA, BIS, US  
 [72] SENTHIL, KUMAR KUSALAKUMARI SUKUMAR, US  
 [71] NIPPON SHINYAKU CO., LTD., JP  
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 [25] EN  
 [54] SAFETY PRESSURE LIMITING SYSTEM AND METHOD FOR POSITIVE DISPLACEMENT PUMPS WITH OPTIONAL AUTOMATIC RESTART  
 [54] SYSTEME ET PROCEDE DE LIMITATION DE PRESSION DE SECURITE POUR POMPES VOLUMETRIQUES A REDEMARRAGE AUTOMATIQUE FACULTATIF  
 [72] SURJAATMADJA, JIM BASUKI, US  
 [72] STEPHENSON, STANLEY V., US  
 [72] HUNTER, TIM H., US  
 [71] HALLIBURTON ENERGY SERVICES, INC., US  
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 [54] SYSTEME D'ALIMENTATION ELECTRIQUE  
 [72] UMEZU, YUSUKE, JP  
 [72] SUGIMOTO, KAZUSHIGE, JP  
 [72] BANDO, SOICHIRO, JP  
 [72] YAMAGUCHI, NAOKI, JP  
 [72] SAKIMOTO, KENICHI, JP  
 [72] KIMURA, KIYOSHI, JP  
 [72] TAKAYAMA, SUGURU, JP  
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 [71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP  
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 [54] CONDUCTEURS ELECTRIQUES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION  
 [72] VARKEY, JOSEPH, US  
 [72] WIJNBERG, WILLEM ALBERT, US  
 [72] GRISANTI, MARIA AUXILIADORA, US  
 [72] ALTINTAS, BURCU UNAL, US  
 [72] MORRISON, MONTIE WAYNE, US  
 [72] HUANG, QINGDI, US  
 [71] SCHLUMBERGER CANADA LIMITED, CA  
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  - [54] DISPOSITIFS, SYSTEMES ET PROCEDES D'ANALYSE DE BIOMARQUEUR
  - [72] VAN DEN BOOM, DIRK, US
  - [72] EHRICH, MATHIAS, US
  - [72] OETH, PAUL, US
  - [72] CHAUVAPUN, JIM, US
  - [71] JUNO DIAGNOSTICS, INC., US
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- [54] DISPOSITIF DE COMMANDE DE CHARGE AYANT UNE LARGE PLAGE DE SORTIE
- [72] DEJONGE, STUART, W., US
- [72] KOBER, STEVEN, J., US
- [72] TAIPALE, MARK, S., US
- [71] LUTRON TECHNOLOGY COMPANY LLC, US
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  - [54] SYSTEMES DE DISTRIBUTION DE COMPOSES PEROXYDES ET LEURS APPLICATIONS
  - [72] BECKER, CHRISTIAN, US
  - [72] PAN, PAN, US
  - [71] ARKEMA INC., US
  - [85] 2020-03-23
  - [86] 2018-09-14 (PCT/US2018/051017)
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- [25] EN
- [54] HIGH MANGANESE STEEL FOR LOW TEMPERATURE, HAVING EXCELLENT SURFACE QUALITY, AND MANUFACTURING METHOD THEREFOR
- [54] ACIER A HAUTE TENEUR EN MANGANESE POUR BASSE TEMPERATURE, AYANT UNE EXCELLENTE QUALITE DE SURFACE, ET SON PROCEDE DE FABRICATION
- [72] HA, YU-MI, KR
- [72] JUNG, YOUNG-DEOK, KR
- [72] KANG, SANG-DEOK, KR
- [72] LEE, UN-HAE, KR
- [72] KIM, YONG-JIN, KR
- [72] KIM, SUNG-KYU, KR
- [72] KIM, YOUNG-JU, KR
- [71] POSCO, KR
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- [86] 2018-10-11 (PCT/KR2018/011937)
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  - [54] RETROACTION D'ETAT DE CANAL AVEC DES ALTERNATIVES DE SELECTION DECROISSANTE DE RESEAU
  - [72] LIN, JAMIE MENJAY, US
  - [71] QUALCOMM INCORPORATED, US
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  - [86] 2018-11-01 (PCT/US2018/058724)
  - [87] (WO2019/089937)
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- [72] WARNER, KEVIN, US
- [72] QUERREY, TIMOTHY L., US
- [71] MUSTANG SAMPLING, LLC, US
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- [72] VARJAN, STEPHANIE MARIE, US
- [72] WARGACKI, STEPHEN PAUL, US
- [71] AQUESTIVE THERAPEUTICS, INC., US
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- [86] 2018-09-27 (PCT/US2018/053026)
- [87] (WO2019/067667)
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- [86] 2018-09-27 (PCT/US2018/053042)
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- [71] OHIO STATE INNOVATION FOUNDATION, US
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- [72] CALVERT, GRAHAM PETER, GB
- [72] MELVILLE, SARAH JANE, GB
- [71] THE PROCTER & GAMBLE COMPANY, US
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- [86] 2018-10-17 (PCT/US2018/056176)
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- [54] DERIVES DE N-(BENZYLE OU PYRIDINYL METHYL A SUBSTITUTION CYANO)-3-HYDROXYPICOLINAMIDE UTILES EN TANT QU'INHIBITEURS DE HIF PROLYL HYDROXYLASE
- [72] JONES, BENJAMIN, US
- [72] KIRYANOV, ANDRE, US
- [72] KUEHLER, JON, US
- [72] LANIER, MARION, US
- [72] MURPHY, SEAN, US
- [72] ZHOU, FENG, US
- [71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
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- [25] EN
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- [54] EFFET PROTECTEUR DE DMPC, DMPG, DMPC/DMPG, LYSOPG ET LYSOPC CONTRE DES MEDICAMENTS PROVOQUANT DES CANALOPATHIES
- [72] HELSON, LAWRENCE, US
- [72] SHOPP, GEORGE M., US
- [72] BOUCHARD, ANNIE, CA
- [72] MAJEED, MUHAMMED, US
- [71] SIGNPATH PHARMA, INC., US
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  - [54] UTILISATION DE CYCLODEXTRINES DANS DES MALADIES ET DES TROUBLES IMPLIQUANT UN DEREGLEMENT DES PHOSPHOLIPIDES
  - [72] WITTKOWSKI, KNUST M., US
  - [71] ASDERA LLC, US
  - [85] 2020-03-23
  - [86] 2018-09-18 (PCT/US2018/051604)
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  - [30] US (62/565,053) 2017-09-28
  - [30] US (62/573,658) 2017-10-17
  - [30] US (62/586,826) 2017-11-15
  - [30] US (62/643,694) 2018-03-15
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- [25] EN
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- [54] PROCEDE ET SYSTEME REACTIF POUR LE TRAITEMENT DE MATERIAU CONTAMINE PAR DU MERCURE
- [72] YOST, KARL WILLIAM, US
- [71] HMR SOLUTIONS, INC., US
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  - [54] GRANULARITE D'AVANCE DE TEMPORISATION POUR LIAISON MONTANTE AYANT DIFFERENTES NUMEROLOGIES
  - [72] ISLAM, MUHAMMAD NAZMUL, US
  - [72] ANG, PETER PUI LOK, US
  - [72] CHEN, WANSHI, US
  - [72] GAAL, PETER, US
  - [72] LUO, TAO, US
  - [72] LEE, HEECHOON, US
  - [72] AKKARAKARAN, SONY, US
  - [72] SUN, JING, US
  - [71] QUALCOMM INCORPORATED, US
  - [85] 2020-03-23
  - [86] 2018-11-01 (PCT/US2018/058761)
  - [87] (WO2019/089964)
  - [30] US (62/581,579) 2017-11-03
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- [54] COMPOSITIONS POLYMERES, DISPOSITIFS D'ADMINISTRATION ET PROCEDES
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- [72] SANDERS, PAUL, US
- [72] SINGH, RAHUL, US
- [72] PARMAR, KRISHNAKUMARSINH H., US
- [72] KO, BEN, US
- [72] KLUNK, STEPHANIE, US
- [71] BAXTER INTERNATIONAL INC., US
- [71] BAXTER HEALTHCARE S.A., CH
- [85] 2020-03-23
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  - [25] EN
  - [54] WIRELESS SCALE AND RELEASE SYSTEM FOR SECURED CONTENT
  - [54] BALANCE SANS FIL ET SYSTEME DE LIBERATION POUR CONTENU SECURISE
  - [72] EIDE, JOHAN, CA
  - [72] MIRANDA, KYE, CA
  - [71] EIDE, JOHAN, CA
  - [71] MIRANDA, KYE, CA
  - [85] 2020-03-23
  - [86] 2018-09-28 (PCT/US2018/053539)
  - [87] (WO2019/067976)
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**[21] 3,076,828**

[13] A1

- [51] Int.Cl. C04B 24/38 (2006.01) C04B 28/14 (2006.01)
- [25] EN
- [54] MIGRATING STARCH WITH HIGH COLD-WATER SOLUBILITY FOR USE IN PREPARING GYPSUM BOARD
- [54] MIGRATION D'AMIDON DOTE D'UNE SOLUBILITE ELEVEE DANS L'EAU FROIDE POUR UNE UTILISATION DANS LA PREPARATION DE PLAQUE DE PLATRE
- [72] SANG, YIJUN, US
- [72] HEMPHILL, MARK K., US
- [71] UNITED STATES GYPSUM COMPANY, US
- [85] 2020-03-23
- [86] 2018-09-26 (PCT/US2018/052778)
- [87] (WO2019/067490)
- [30] US (62/563,439) 2017-09-26
- [30] US (16/126,969) 2018-09-10

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[21] **3,076,829**

[13] A1

[51] **Int.Cl. G05F 1/33 (2006.01)**

[25] EN

**[54] A VOLTAGE REGULATION CIRCUIT**

**[54] CIRCUIT DE REGULATION DE TENSION**

[72] SPEED, SHAUNE, AU

[72] BARBER, MARK, AU

[71] ECONOPOWER PTY LTD, AU

[85] 2020-03-24

[86] 2018-08-31 (PCT/AU2018/000157)

[87] (WO2019/060941)

[30] AU (2017903958) 2017-09-29

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[21] **3,076,830**

[13] A1

[51] **Int.Cl. B03D 1/02 (2006.01) B03D 1/01 (2006.01)**

[25] EN

**[54] CONCENTRATION PROCESS OF IRON ORE SLIMES**

**[54] PROCEDE DE CONCENTRATION DE BOUES DE MINERAIS DE FER**

[72] PEREIRA LIMA, NEYMAYER, BR

[72] CARLAILE SILVA, KLAYDISON, BR

[72] CURI SEGATO, MAURICIO, BR

[71] VALE S.A., BR

[85] 2020-03-24

[86] 2018-10-03 (PCT/BR2018/050363)

[87] (WO2019/068160)

[30] BR (102017021494-0) 2017-10-06

[30] BR (132018070227-0) 2018-10-01

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[21] **3,076,831**

[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01)**

[25] EN

**[54] TISSUE-PREFERRED PROMOTERS AND METHODS OF USE**

**[54] PROMOTEURS AYANT UNE PREFERENCE POUR DES TISSUS ET METHODES D'UTILISATION**

[72] DA SILVA CONCEICAO, ALEXANDRE, US

[72] FINCH, ALLISON M., US

[72] GORDON-KAMM, WILLIAM JAMES, US

[72] KLEIN, THEODORE M., US

[72] LOWE, KEITH S., US

[71] PIONEER HI-BRED, INTERNATIONAL, INC., US

[85] 2020-03-23

[86] 2018-09-19 (PCT/US2018/051697)

[87] (WO2019/060383)

[30] US (62/562,663) 2017-09-25

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[21] **3,076,832**

[13] A1

[51] **Int.Cl. B01L 3/00 (2006.01) G01N 35/00 (2006.01) G01N 37/00 (2006.01)**

[25] EN

**[54] SAMPLE VESSEL CAPPING APPLICATOR OR APPLICATOR SYSTEM**

**[54] APPLICATEUR OU SYSTEME APPLICATEUR DE CAPSULAGE DE RECIPIENT A ECHANTILLON**

[72] BRAUN, DAMIEN, AU

[72] HARVEY, FRANCIS, AU

[72] MUIR-MCCAREY, DAVID, AU

[72] KNIGHT, THOMAS, AU

[72] FISHER, ROBERT, AU

[72] SHERRY, SANDY, AU

[72] YAO, ZISUI, AU

[72] NOVY, RAINER, AU

[72] GRANT, MATTHEW, AU

[72] DALMAN, PETER, AU

[71] AIM LAB AUTOMATION TECHNOLOGIES PTY LTD, AU

[85] 2020-03-24

[86] 2018-08-29 (PCT/AU2018/050928)

[87] (WO2019/060945)

[30] AU (2017903895) 2017-09-26

[30] US (62/577,921) 2017-10-27

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[21] **3,076,833**

[13] A1

[51] **Int.Cl. A61B 3/16 (2006.01) A61B 3/00 (2006.01)**

[25] EN

**[54] INTRAOCULAR PHYSIOLOGICAL SENSOR**

**[54] CAPTEUR PHYSIOLOGIQUE INTRAOCULAIRE**

[72] GUNN, NICHOLAS MAX, US

[72] DOS SANTOS, CESARIO PEREIRA, US

[72] HAFFNER, DAVID S., US

[71] GLAUKOS CORPORATION, US

[85] 2020-03-23

[86] 2018-09-28 (PCT/US2018/053615)

[87] (WO2019/068026)

[30] US (62/565,893) 2017-09-29

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[21] **3,076,834**

[13] A1

[51] **Int.Cl. G05D 1/02 (2020.01)**

[25] EN

**[54] DETECTING MOTION OF AN AUTONOMOUS VEHICLE USING RADAR TECHNOLOGY**

**[54] DETECTION DU MOUVEMENT D'UN VEHICULE AUTONOME A L'AIDE D'UNE TECHNOLOGIE RADAR**

[72] CAMPBELL, TIMOTHY, US

[72] SMITH, L. DONNIE, US

[71] WAYMO LLC, US

[85] 2020-03-23

[86] 2018-09-20 (PCT/US2018/051911)

[87] (WO2019/060524)

[30] US (15/713,500) 2017-09-22

[30] US (15/713,499) 2017-09-22

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[21] **3,076,835**

[13] A1

[51] **Int.Cl. F16L 57/00 (2006.01) F16S 1/02 (2006.01) F16S 1/12 (2006.01) F17D 5/00 (2006.01)**

[25] EN

**[54] PIPE PROTECTOR**

**[54] DISPOSITIF DE PROTECTION DE tuyau**

[72] CONNORS, GEOFF WEYMAN, CA

[71] 1552818 ONTARIO LIMITED, CA

[85] 2020-03-24

[86] 2018-09-20 (PCT/CA2018/051172)

[87] (WO2019/056104)

[30] US (62/562,645) 2017-09-25

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[21] **3,076,836**

[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01) C12M 1/24 (2006.01) C12Q 1/00 (2006.01)**

[25] EN

**[54] DIAGNOSTIC TEST SYSTEM AND METHOD**

**[54] SYSTEME ET PROCEDE DE TEST DIAGNOSTIQUE**

[72] HOPPER, WILLIAM R, AU

[71] AXXIN PTY LTD, AU

[85] 2020-03-24

[86] 2018-09-21 (PCT/AU2018/051044)

[87] (WO2019/060950)

[30] AU (2017903919) 2017-09-27

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**[21] 3,076,837**  
[13] A1

- [51] Int.Cl. G01S 5/00 (2006.01) H04W 64/00 (2009.01)
  - [25] EN
  - [54] MOTION LOCALIZATION IN A WIRELESS MESH NETWORK BASED ON TIME FACTORS
  - [54] LOCALISATION D'UN MOUVEMENT DANS UN RESEAU MAILLE SANS FIL EN FONCTION DE FACTEURS TEMPORELS
  - [72] OLEKAS, CHRISTOPHER VYTAUTAS, CA
  - [72] GRIESDORF, DUSTIN, CA
  - [71] COGNITIVE SYSTEMS CORP., CA
  - [85] 2020-03-24
  - [86] 2018-01-17 (PCT/CA2018/050051)
  - [87] (WO2019/075552)
  - [30] US (15/789,815) 2017-10-20
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**[21] 3,076,838**  
[13] A1

- [51] Int.Cl. C22B 3/16 (2006.01) C22B 3/04 (2006.01) C22B 11/00 (2006.01)
- [25] EN
- [54] PROCESS FOR ACIDIC LEACHING OF PRECIOUS AND CHALCOPHILE METALS
- [54] PROCEDE DE LIXIVIATION ACIDE DE METAUX PRECIEUX ET CHALCOPHILES
- [72] ORABY, ELSAYED ABDELRADY, AU
- [72] EKSTEEN, JACOBUS JOHANNES, AU
- [71] CURTIN UNIVERSITY, AU
- [85] 2020-03-24
- [86] 2018-09-27 (PCT/AU2018/051060)
- [87] (WO2019/060961)
- [30] AU (2017903921) 2017-09-27

**[21] 3,076,839**  
[13] A1

- [51] Int.Cl. F16L 3/08 (2006.01) A47G 33/10 (2006.01) F16B 2/18 (2006.01) F21V 21/088 (2006.01) F21S 4/10 (2016.01)
  - [25] EN
  - [54] REUSABLE HANGER CLIPS AND ASSOCIATED METHODS
  - [54] PINCES DE SUSPENSION REUTILISABLES ET PROCEDES ASSOCIES
  - [72] LYON, BRUCE, CA
  - [71] 1323591 ALBERTA LTD., CA
  - [85] 2020-03-24
  - [86] 2018-08-01 (PCT/CA2018/050940)
  - [87] (WO2019/084670)
  - [30] US (62/580,247) 2017-11-01
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**[21] 3,076,840**  
[13] A1

- [51] Int.Cl. E21B 23/00 (2006.01) E21B 17/04 (2006.01)
- [25] EN
- [54] DOWNHOLE DEVICE DELIVERY AND ASSOCIATED DRIVE TRANSFER SYSTEM AND METHOD OF DELIVERING A DEVICE DOWN A HOLE
- [54] SYSTEME DE MISE EN PLACE DE DISPOSITIF DE FOND DE TROU ET DE TRANSFERT D'ENTRAINEMENT ASSOCIE ET PROCEDE DE MISE EN PLACE D'UN DISPOSITIF AU FOND D'UN TROU
- [72] BEACH, ANDREW PHILLIP, AU
- [72] MCLEOD, GAVIN THOMAS, AU
- [71] REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD, AU
- [85] 2020-03-24
- [86] 2018-10-03 (PCT/AU2018/051076)
- [87] (WO2019/068145)
- [30] AU (2017903988) 2017-10-03
- [30] AU (2017903989) 2017-10-03

**[21] 3,076,841**  
[13] A1

- [51] Int.Cl. A23F 5/10 (2006.01) A47J 31/44 (2006.01)
  - [25] EN
  - [54] APPARATUS AND METHODS FOR SETTING A GRIND COARSENESS
  - [54] APPAREIL ET PROCEDES DE REGLAGE DE GROSSEUR DU GRAIN DE MATIERE MOULUE
  - [72] BUSH, JAKE, AU
  - [72] BUSH, CLAY, AU
  - [71] DISMOV PTY LTD, AU
  - [85] 2020-03-24
  - [86] 2018-10-18 (PCT/AU2018/051132)
  - [87] (WO2019/109130)
  - [30] AU (2017904915) 2017-12-06
  - [30] AU (2017101725) 2017-12-07
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**[21] 3,076,842**  
[13] A1

- [51] Int.Cl. H04L 1/00 (2006.01)
- [25] EN
- [54] METHOD FOR CALCULATING CHANNEL QUALITY INDICATOR (CQI), TERMINAL DEVICE, AND NETWORK DEVICE
- [54] PROCEDE DE CALCUL D'INDICATEUR DE QUALITE DE CANAL (CQI), DISPOSITIF TERMINAL ET DISPOSITIF RESEAU
- [72] SHI, ZHIHUA, CN
- [72] CHEN, WENHONG, CN
- [72] ZHANG, ZHI, CN
- [71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
- [85] 2020-03-24
- [86] 2017-09-30 (PCT/CN2017/105000)
- [87] (WO2019/061494)

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**[21] 3,076,843**  
[13] A1

[51] Int.Cl. B01D 45/16 (2006.01) B01D 21/26 (2006.01) B01D 45/14 (2006.01)  
[25] EN  
[54] A DEVICE FOR SEPARATING SOLIDS FROM A FLUID STREAM  
[54] DISPOSITIF POUR LA SEPARATION DE SOLIDES D'UN COURANT DE FLUIDE  
[72] BAYATI, MOHSEN, CA  
[72] JOHNSTON, CHRIS MICHAEL, CA  
[72] SCHULTZ, COLE WILLIAM, CA  
[72] WOHLGEMUTH, DUSTIN MACKENZIE, CA  
[71] SAND SEPARATION TECHNOLOGIES INC., CA  
[85] 2020-03-24  
[86] 2018-09-20 (PCT/CA2018/051180)  
[87] (WO2019/056112)  
[30] US (62/562,767) 2017-09-25  
[30] US (62/672,901) 2018-05-17

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**[21] 3,076,844**  
[13] A1

[51] Int.Cl. H04W 76/19 (2018.01)  
[25] EN  
[54] INDICATION METHOD FOR CONTEXT IDENTIFICATION, ACQUISITION METHOD, USER EQUIPMENT AND BASE STATION  
[54] PROCEDE D'INDICATION D'IDENTIFICATION DE CONTEXTE, PROCEDE D'ACQUISITION, EQUIPEMENT UTILISATEUR ET STATION DE BASE  
[72] YANG, NING, CN  
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN  
[85] 2020-03-24  
[86] 2017-10-31 (PCT/CN2017/108648)  
[87] (WO2019/084790)

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**[21] 3,076,846**  
[13] A1

[51] Int.Cl. G01J 11/00 (2006.01)  
[25] EN  
[54] LINEAR TIME-GATE METHOD AND SYSTEM FOR ULTRASHORT PULSE CHARACTERIZATION  
[54] PROCEDE ET SYSTEME A GRILLE TEMPORELLE LINEAIRE POUR UNE CARACTERISATION D'IMPULSION ULTRACOURTE  
[72] LASSONDE, PHILIPPE, CA  
[72] ERNOTTE, GUILMOT, CA  
[72] SCHMIDT, BRUNO E., CA  
[72] LEGARE, FRANCOIS, CA  
[72] PETIT, STEPHANE, FR  
[72] DELAGNES, JEAN-CHRISTOPHE, FR  
[72] CORMIER, ERIC, FR  
[72] LEBLANC, ADRIEN, CA  
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA  
[71] L'UNIVERSITE DE BORDEAUX, FR  
[71] LE CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR  
[85] 2020-03-24  
[86] 2018-09-24 (PCT/CA2018/051199)  
[87] (WO2019/056127)  
[30] US (62/562,623) 2017-09-25  
[30] US (62/666,782) 2018-05-04

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**[21] 3,076,848**  
[13] A1

[51] Int.Cl. A63G 31/00 (2006.01) A63F 9/24 (2006.01) G10L 15/22 (2006.01)  
[25] EN  
[54] INTERACTIVE PLAYGROUND SYSTEM WITH ENHANCED USER INTERACTION AND COMPUTERIZED METHOD FOR PROVIDING ENHANCED USER INTERACTION IN A PLAYGROUND SYSTEM  
[54] SYSTEME DE TERRAIN DE JEU INTERACTIF AVEC INTERACTION D'UTILISATEUR AMELIOREE ET PROCEDE INFORMATISE SERVANT A DES FINS DE MISE EN OUVRE D'UNE INTERACTION D'UTILISATEUR AMELIOREE DANS UN SYSTEME DE TERRAIN DE JEU  
[72] GAGNE, CAROLYNE, CA  
[72] OUTURE, STEVE, CA  
[72] AUCLAIR, JEAN-PHILIPPE, CA  
[72] DORION, JEAN-PHILIPPE, CA  
[71] ATELIER GO-ELAN INC., CA  
[85] 2020-03-24  
[86] 2018-09-25 (PCT/CA2018/051206)  
[87] (WO2019/056132)  
[30] US (62/562,745) 2017-09-25

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<p style="text-align: right;"><b>[21] 3,076,849</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C22C 23/00 (2006.01) C22F 1/06 (2006.01)</p> <p>[25] EN</p> <p>[54] MAGNESIUM OR MAGNESIUM ALLOY HAVING ULTRA HIGH FORMABILITY AT ROOM TEMPERATURE AND MANUFACTURING METHOD THEREOF</p> <p>[54] MAGNESIUM OU ALLIAGE DE MAGNESIUM COMPRENANT UNE FORMABILITE ELEVEE A TEMPERATURE AMBIANTE ET PROCEDE DE PRODUCTION CORRESPONDANT</p> <p>[72] NIE, JIANFENG, AU</p> <p>[72] ZENG, ZHUORAN, AU</p> <p>[72] XU, SHIWEI, CN</p> <p>[72] BIRBILIS, NICK, AU</p> <p>[72] DAVIES, CHRISTOPHER H.J., AU</p> <p>[72] TANG, WEINENG, CN</p> <p>[71] BAOSHAN IRON &amp; STEEL CO., LTD., CN</p> <p>[71] CHINA BAOWU STEEL GROUP CORPORATION LIMITED, CN</p> <p>[85] 2020-03-24</p> <p>[86] 2018-09-21 (PCT/CN2018/106867)</p> <p>[87] (WO2019/057139)</p> <p>[30] CN (201710875802.0) 2017-09-25</p>	<p style="text-align: right;"><b>[21] 3,076,851</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G01V 1/40 (2006.01) G01V 1/42 (2006.01) G01V 1/48 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM, METHOD AND APPARATUS FOR CREATING VIRTUAL POINT SOURCES WITHIN A HYDROCARBON FORMATION</p> <p>[54] SYSTEME, PROCEDE ET APPAREIL DE CREATION DE SOURCES DE POINTS VIRTUELS DANS UNE FORMATION D'HYDROCARBURES</p> <p>[72] DAVIES, TIM J., CA</p> <p>[71] CENOVUS ENERGY INC., CA</p> <p>[85] 2020-03-24</p> <p>[86] 2018-10-09 (PCT/CA2018/051266)</p> <p>[87] (WO2019/071340)</p> <p>[30] US (62/570,499) 2017-10-10</p> <p>[30] US (62/659,966) 2018-04-19</p> <p>[30] US (62/682,697) 2018-06-08</p>	<p style="text-align: right;"><b>[21] 3,076,853</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A24F 40/42 (2020.01)</p> <p>[25] EN</p> <p>[54] CONSUMABLE CARTRIDGE FOR AN AEROSOL GENERATION DEVICE</p> <p>[54] CARTOUCHE CONSOMMABLE DESTINEE A UN DISPOSITIF DE GENERATION D'AEROSOL</p> <p>[72] ROGAN, ANDREW ROBERT JOHN, GB</p> <p>[72] ALIZON, ROBERT, CH</p> <p>[71] JT INTERNATIONAL SA, CH</p> <p>[85] 2020-03-24</p> <p>[86] 2018-09-24 (PCT/EP2018/075826)</p> <p>[87] (WO2019/057976)</p> <p>[30] EP (17192997.9) 2017-09-25</p>
<p style="text-align: right;"><b>[21] 3,076,850</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C06B 23/00 (2006.01) C06B 25/20 (2006.01) C06B 25/26 (2006.01)</p> <p>[25] EN</p> <p>[54] LONG UNSATURATED ALIPHATIC CHAINS AS STABILISERS FOR NITRATE ESTERS AND NITROCELLULOSE-BASED APPLICATIONS</p> <p>[54] LONGUES CHAINES ALIPHATIQUES INSATUREES EN TANT QUE STABILISANTS POUR DES ESTERS DE NITRATE ET APPLICATIONS A BASE DE NITROCELLULOSE</p> <p>[72] DEJEAIFVE, ALAIN, BE</p> <p>[72] DOBSON, ROWAN, BE</p> <p>[71] P.B. CLERMONT, BE</p> <p>[85] 2020-03-24</p> <p>[86] 2017-12-12 (PCT/EP2017/082359)</p> <p>[87] (WO2019/114930)</p>	<p style="text-align: right;"><b>[21] 3,076,852</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A61B 1/04 (2006.01) A61B 1/00 (2006.01) A61B 5/00 (2006.01) A61B 8/00 (2006.01) A61B 8/12 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR CORONARY OCCLUSION TREATMENT</p> <p>[54] SYSTEMES ET METHODES DE TRAITEMENT DE L'OCCLUSION DES CORONAIRES</p> <p>[72] FELDMAN, MARC D., US</p> <p>[72] MILNER, THOMAS E., US</p> <p>[72] KATTA, NITESH, US</p> <p>[72] ESTRADA, ARNOLD, US</p> <p>[72] OGLESBY, MEAGAN, US</p> <p>[72] CABE, GILES, US</p> <p>[72] CILINGIROGLU, MEHMET, US</p> <p>[71] RESEARCH DEVELOPMENT FOUNDATION, US</p> <p>[85] 2020-03-23</p> <p>[86] 2018-10-03 (PCT/US2018/054063)</p> <p>[87] (WO2019/070782)</p>	<p style="text-align: right;"><b>[21] 3,076,854</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A61H 99/00 (2006.01) A61H 31/00 (2006.01) A61M 1/00 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS, APPARATUSES AND SYSTEMS FOR APPLYING PRESSURE TO A NEWBORN BABY</p> <p>[54] PROCEDES, APPAREILS ET SYSTEMES POUR APPLIQUER UNE PRESSION A UN NOUVEAU-NÉ</p> <p>[72] LA PORTA, DALLAS, CA</p> <p>[71] LA PORTA, DALLAS, CA</p> <p>[85] 2020-03-24</p> <p>[86] 2019-03-05 (PCT/CA2019/050267)</p> <p>[87] (WO2019/169489)</p> <p>[30] US (62/639,186) 2018-03-06</p>

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<p>[21] <b>3,076,855</b>  [13] A1</p> <p>[51] Int.Cl. A61K 9/14 (2006.01) A61K 9/51 (2006.01) A61K 33/00 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>BIOAVAILABLE DITHIOCARBAMATE-METAL COMPLEX PARTICLES, METHOD OF PREPARATION AND USE THEREOF</b></p> <p>[54] <b>PARTICULES DE COMPLEXE DITHIOCARBAMATE-METAL BIODISPONIBLES, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION</b></p> <p>[72] SKROTT, ZDENEK, CZ</p> <p>[72] MISTRIK, MARTIN, CZ</p> <p>[72] HAJDUCH, MARIAN, CZ</p> <p>[72] DZUBAK, PETR, CZ</p> <p>[72] BARTEK, JIRI, DK</p> <p>[72] ZBORIL, RADEK, CZ</p> <p>[71] PALACKY UNIVERSITY OLOMOUC, CZ</p> <p>[85] 2020-03-24</p> <p>[86] 2018-09-26 (PCT/EP2018/076098)</p> <p>[87] (WO2019/063601)</p> <p>[30] EP (17193240.3) 2017-09-26</p>
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<p>[21] <b>3,076,857</b>  [13] A1</p> <p>[51] Int.Cl. A01K 61/60 (2017.01)</p> <p>[25] EN</p> <p>[54] <b>SEMI-SUBMERSIBLE SPAR-TYPE OFFSHORE FARM WITH DETACHABLE AND PIVOTABLE COUPLING ASSEMBLY</b></p> <p>[54] <b>FERME PISCICOLE SEMI-SUBMERSIBLE OFFSHORE DE TYPE SPAR PRESENTANT UN ENSEMBLE D'ACCOUPLEMENT DETACHABLE ET PIVOTABLE</b></p> <p>[72] VAN LEEUWEN, MARK RUDOLF, NL</p> <p>[71] SAULX OFFSHORE, NL</p> <p>[85] 2020-03-24</p> <p>[86] 2018-09-26 (PCT/EP2018/076142)</p> <p>[87] (WO2019/063624)</p> <p>[30] EP (17193670.1) 2017-09-28</p>
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<p>[21] <b>3,076,858</b>  [13] A1</p> <p>[51] Int.Cl. A61K 35/19 (2015.01) A61P 25/28 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>PROCESS FOR PREPARING A PLATELET LYSATE FRACTION, PLATELET LYSATE FRACTION AND ITS USE FOR TREATING DISORDERS OF THE CENTRAL NERVOUS SYSTEM</b></p> <p>[54] <b>PROCEDE DE PREPARATION D'UNE FRACTION DE LYSAT DE PLAQUETTES, FRACTION DE LYSAT DE PLAQUETTES ET SON UTILISATION POUR LE TRAITEMENT DE TROUBLES DU SYSTEME NERVEUX CENTRAL</b></p> <p>[72] DEVOS, DAVID, FR</p> <p>[72] BURNOUF, THIERRY, FR</p> <p>[72] DEVEDJIAN, JEAN-CHRISTOPHE, FR</p> <p>[72] CHOU, MING-LI, TW</p> <p>[72] GOUEL, FLORE, FR</p> <p>[71] CENTRE HOSPITALIER REGIONAL ET UNIVERSITAIRE DE LILLE (CHRU), FR</p> <p>[71] UNIVERSITE DE LILLE, FR</p> <p>[71] UNIVERSITE DU LITTORAL COTE D'OPALE, FR</p> <p>[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR</p> <p>[71] TAIEPI MEDICAL UNIVERSITY, TW</p> <p>[85] 2020-03-24</p> <p>[86] 2018-09-27 (PCT/EP2018/076244)</p> <p>[87] (WO2019/063683)</p> <p>[30] EP (17306284.5) 2017-09-27</p>
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<p>[21] <b>3,076,859</b>  [13] A1</p> <p>[51] Int.Cl. A61K 39/395 (2006.01) A61K 31/4184 (2006.01) A61K 31/454 (2006.01) A61K 31/47 (2006.01) A61P 35/00 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>COMBINATION THERAPIES AND USES THEREOF</b></p> <p>[54] <b>POLYRHERAPIES ET LEURS UTILISATIONS</b></p> <p>[72] MIKULE, KEITH W., US</p> <p>[72] WANG, ZEBIN, US</p> <p>[72] ZHOU, YINGHUI, US</p> <p>[71] TESARO, INC., US</p> <p>[85] 2020-03-23</p> <p>[86] 2018-10-05 (PCT/US2018/054606)</p> <p>[87] (WO2019/071123)</p> <p>[30] US (62/569,239) 2017-10-06</p>
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<p>[21] <b>3,076,860</b>  [13] A1</p> <p>[51] Int.Cl. C02F 1/28 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>METHOD AND SYSTEM FOR TREATING AND/OR PURIFYING WATER</b></p> <p>[54] <b>PROCEDE ET INSTALLATION POUR LE TRAITEMENT ET/OU LA PURIFICATION DE L'EAU</b></p> <p>[72] SCHONFELD, RAIK, DE</p> <p>[72] FISCHER, CHARLOTTE, DE</p> <p>[72] RAISER, JAN-PETER, DE</p> <p>[71] BLUCHER GMBH, DE</p> <p>[85] 2020-03-24</p> <p>[86] 2018-07-02 (PCT/EP2018/067727)</p> <p>[87] (WO2019/063150)</p> <p>[30] DE (10 2017 009 037.8) 2017-09-27</p> <p>[30] DE (10 2017 009 038.6) 2017-09-27</p> <p>[30] DE (10 2017 126 118.4) 2017-11-08</p>
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<p>[21] <b>3,076,861</b>  [13] A1</p> <p>[51] Int.Cl. A61K 39/395 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>USE OF ITOLIZUMAB TO REDUCE PHOSPHORYLATION OF CD6</b></p> <p>[54] <b>UTILISATION D'ITOLIZUMAB POUR REDUIRE LA PHOSPHORYLATION DE CD6</b></p> <p>[72] NAIR, PRADIP, IN</p> <p>[72] SAHA, ARINDAM, IN</p> <p>[72] SADASHIVARAO, RAVINDRA BELAVINAKODIGE, IN</p> <p>[72] BUGHANI, USHA, IN</p> <p>[72] MELARKODE, RAMAKRISHNAN, IN</p> <p>[71] BIOCON LIMITED, IN</p> <p>[85] 2020-03-24</p> <p>[86] 2017-10-16 (PCT/IB2017/056403)</p> <p>[87] (WO2018/073721)</p> <p>[30] IN (201641035602) 2016-10-18</p>
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**[21] 3,076,862**  
[13] A1

- [51] Int.Cl. G05D 11/13 (2006.01)
- [25] FR
- [54] **DEVICE FOR METERING ONE OR MORE POWDERS, CORRESPONDING METERING PROCESS AND 3D PRINTER THAT INCLUDES THE DEVICE**
- [54] **DISPOSITIF DE DOSAGE D'UNE OU PLUSIEURS POUDRES, PROCEDE DE DOSAGE CORRESPONDANT ET IMPRIMANTE 3D INCLUANT LE DISPOSITIF**
- [72] SEBAL, JEAN-LUC, FR
- [72] CADOUX, GUILLAUME, FR
- [71] ADDUP, FR
- [85] 2020-03-24
- [86] 2018-09-27 (PCT/EP2018/076340)
- [87] (WO2019/063728)
- [30] FR (17 59070) 2017-09-29

**[21] 3,076,863**  
[13] A1

- [51] Int.Cl. A61K 41/00 (2020.01) A61K 9/00 (2006.01) A61K 47/36 (2006.01) A61M 37/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01)
- [25] EN
- [54] **DERMAL APPLICATOR FOR USE IN CANCER PHOTOIMMUNOTHERAPY**
- [54] **APPLICATEUR DERMIQUE DESTINE A ETRE UTILISE DANS LA PHOTO-IMMUNOTHERAPIE ANTICANCEREUSE**
- [72] GU, ZHEN, US
- [72] YE, YANQI, US
- [71] NORTH CAROLINA STATE UNIVERSITY, US
- [85] 2020-03-23
- [86] 2018-10-25 (PCT/US2018/057494)
- [87] (WO2019/084259)
- [30] US (62/576,774) 2017-10-25

**[21] 3,076,865**  
[13] A1

- [51] Int.Cl. A61K 31/337 (2006.01) A61K 9/127 (2006.01) A61K 9/19 (2006.01)
- [25] EN
- [54] **COMPOSITION OF DOCETAXEL LIPOSOMAL INJECTION WITH HIGH DRUG LOADING**
- [54] **COMPOSITION D'INJECTION LIPOSOMALE DE DOCETAXEL AVEC CHARGEMENT DE MEDICAMENT ELEVE**
- [72] JADHAV, KIRAN K, IN
- [72] S, PRASHANTH, IN
- [72] PRADEEP, SHIVAKUMAR, IN
- [72] REDDY, SREENIVASA, IN
- [71] SHILPA MEDICARE LIMITED, IN
- [85] 2020-03-24
- [86] 2018-11-26 (PCT/IB2018/059280)
- [87] (WO2019/106511)
- [30] IN (201741042944) 2017-11-30

**[21] 3,076,866**  
[13] A1

- [51] Int.Cl. A01K 5/02 (2006.01) G01G 19/52 (2006.01)
- [25] EN
- [54] **SYSTEM FOR MEASURING, MONITORING AND MANAGING FEED INTAKE TO DETERMINE FEED EFFICIENCY OF INDIVIDUAL ANIMALS OF A DAIRY HERD**
- [54] **SYSTEME DE MESURE, DE SURVEILLANCE ET DE GESTION DE L'ABSORPTION D'ALIMENTS POUR DETERMINER L'EFFICACITE D'ALIMENTATION D'ANIMAUX INDIVIDUELS D'UN CHEPTEL LAITIER**
- [72] HUISMA, CAMIEL, CA
- [71] GROWSAFE SYSTEMS LTD., CA
- [85] 2020-03-24
- [86] 2018-09-26 (PCT/IB2018/001094)
- [87] (WO2019/064060)
- [30] US (62/563,211) 2017-09-26

**[21] 3,076,867**  
[13] A1

- [51] Int.Cl. C07K 16/00 (2006.01) A61K 47/68 (2017.01) A61K 51/10 (2006.01) C07K 16/28 (2006.01) C07K 16/32 (2006.01) G01N 33/53 (2006.01)
- [25] EN
- [54] **CYSTEINE ENGINEERED ANTIGEN-BINDING MOLECULES**
- [54] **MOLECULES DE CYSTEINE MODIFIEES SE LIANT A L'ANTIGENE**
- [72] WOZNIAK-KNOPP, GORDANA, AT
- [72] RUKER, FLORIAN, AT
- [72] STADLMAYR, GERHARD, AT
- [72] RYBKA, JAKUB, PL
- [72] RASCHE, NICOLAS, DE
- [72] DICKGIESSEN, STEPHAN, DE
- [71] MERCK PATENT GMBH, DE
- [85] 2020-03-24
- [86] 2018-10-03 (PCT/EP2018/076900)
- [87] (WO2019/068756)
- [30] EP (17194497.8) 2017-10-03

**[21] 3,076,868**  
[13] A1

- [51] Int.Cl. H01F 27/29 (2006.01) H01F 27/00 (2006.01) H01F 27/40 (2006.01) H01F 30/10 (2006.01)
- [25] EN
- [54] **ASSEMBLY FOR CONNECTING TO A HIGH-VOLTAGE GRID**
- [54] **DISPOSITIF DESTINE A ETRE RACCORDÉ A UN RESEAU A HAUTE TENSION**
- [72] ETTL, CHRISTIAN, AT
- [71] SIEMENS AKTIENGESELLSCHAFT, DE
- [85] 2020-03-24
- [86] 2018-09-12 (PCT/EP2018/074532)
- [87] (WO2019/068438)
- [30] DE (10 2017 217 783.7) 2017-10-06

## Demandes PCT entrant en phase nationale

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<p>[21] <b>3,076,869</b> [13] A1</p> <p>[51] Int.Cl. F24F 1/02 (2019.01) F24F 11/30 (2018.01) F24F 11/62 (2018.01) F24F 11/65 (2018.01) F24F 11/72 (2018.01) F24F 11/74 (2018.01)</p> <p>[25] EN</p> <p>[54] PORTABLE AIR CONDITIONER AND CONTROL METHOD</p> <p>[54] CONDITIONNEUR D'AIR PORTATIF ET PROCEDE DE COMMANDE</p> <p>[72] DE' LONGHI, GIUSEPPE, IT</p> <p>[72] VIT, STEFANO, IT</p> <p>[72] CALLEGARO, IVANO, IT</p> <p>[71] DE' LONGHI APPLIANCES S.R.L. CON UNICO SOCIO, IT</p> <p>[85] 2020-03-24</p> <p>[86] 2018-09-25 (PCT/IT2018/050176)</p> <p>[87] (WO2019/058408)</p> <p>[30] IT (102017000107190) 2017-09-25</p>
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<p>[21] <b>3,076,871</b> [13] A1</p> <p>[51] Int.Cl. C07F 3/02 (2006.01) C07B 49/00 (2006.01)</p> <p>[25] EN</p> <p>[54] HYDROCARBON-SOLUBLE HALOGEN AND THIOLATE/MAGNESIUM EXCHANGE REAGENTS</p> <p>[54] REACTIFS D'ECHANGE HALOGENE/MAGNESIUM ET THIOLATE/MAGNESIUM SOLUBLES DANS LES HYDROCARBURES</p> <p>[72] KNOCHEL, PAUL, DE</p> <p>[72] ZIEGLER, DOROTHEE, DE</p> <p>[72] SIMON, MEIKE, DE</p> <p>[71] ALBEMARLE GERMANY GMBH, DE</p> <p>[71] LUDWIG-MAXIMILIANS-UNIVERSITAT MUNCHEN, DE</p> <p>[85] 2020-03-24</p> <p>[86] 2018-09-20 (PCT/EP2018/075506)</p> <p>[87] (WO2019/063418)</p> <p>[30] DE (10 2017 217 230.4) 2017-09-27</p> <p>[30] DE (10 2018 200 805.1) 2018-01-18</p>
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<p>[21] <b>3,076,873</b> [13] A1</p> <p>[51] Int.Cl. B64C 25/56 (2006.01) B63C 9/00 (2006.01) B63C 9/125 (2006.01) B64C 25/54 (2006.01) F17C 5/06 (2006.01)</p> <p>[25] EN</p> <p>[54] INFLATABLE DEVICE FOR EMERGENCY AIRCRAFT BUOYANCY</p> <p>[54] DISPOSITIF GONFLABLE PERMETTANT LA FLOTTABILITE D'UN AERONEF EN CAS D'URGENCE</p> <p>[72] BOULANGER, ROMAIN, FR</p> <p>[72] RIVAUT, JEAN-YVES, FR</p> <p>[71] SAFRAN AEROSYSTEMS, FR</p> <p>[85] 2020-03-24</p> <p>[86] 2018-09-24 (PCT/EP2018/075727)</p> <p>[87] (WO2019/057952)</p> <p>[30] US (62/562,854) 2017-09-25</p> <p>[30] US (62/562,872) 2017-09-25</p> <p>[30] US (62/562,839) 2017-09-25</p>
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<p>[21] <b>3,076,874</b> [13] A1</p> <p>[51] Int.Cl. C07G 1/00 (2011.01)</p> <p>[25] FR</p> <p>[54] CHEMICALLY STABLE LIGNIN DERIVATIVE AND METHOD FOR PREPARING SAME</p> <p>[54] DERIVE DE LIGNINE CHIMIQUEMENT STABLE ET PROCEDE POUR SA PREPARATION</p> <p>[72] ROUMEAS, LAURENT, FR</p> <p>[72] BILLERACH, GUILLAUME, FR</p> <p>[72] DUBREUCQ, ERIC, FR</p> <p>[72] FULCRAND, HELENE, FR</p> <p>[71] INSTITUT NATIONAL DE RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT, FR</p> <p>[71] INSTITUT NATIONAL D'ENSEIGNEMENT SUPERIEUR POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT, FR</p> <p>[85] 2020-03-24</p> <p>[86] 2018-09-28 (PCT/EP2018/076531)</p> <p>[87] (WO2019/063826)</p> <p>[30] FR (1759134) 2017-09-29</p>
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<p>[21] <b>3,076,875</b> [13] A1</p> <p>[51] Int.Cl. B65D 5/00 (2006.01) B65D 5/42 (2006.01) B65D 5/56 (2006.01) B65D 81/00 (2006.01) B65D 85/88 (2006.01) B65F 1/16 (2006.01)</p> <p>[25] EN</p> <p>[54] THERMALLY PROTECTED SHIPPING CONTAINER</p> <p>[54] CONTENEUR D'EXPEDITION THERMIQUEMENT PROTEGE</p> <p>[72] MICHAELS, TIMOTHY R., US</p> <p>[72] HOGGARD, BRIAN K., US</p> <p>[71] CALL2RECYCLE, INC., US</p> <p>[85] 2020-03-24</p> <p>[86] 2018-09-13 (PCT/US2018/050854)</p> <p>[87] (WO2019/060205)</p> <p>[30] US (62/562,883) 2017-09-25</p>
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<p>[21] <b>3,076,876</b> [13] A1</p> <p>[51] Int.Cl. A61B 18/14 (2006.01) A61B 18/00 (2006.01) A61B 18/18 (2006.01)</p> <p>[25] EN</p> <p>[54] ELECTROSURGICAL RESECTOR TOOL</p> <p>[54] OUTIL DE RESECTION ELECTROCHIRURGICAL</p> <p>[72] HANCOCK, CHRISTOPHER PAUL, GB</p> <p>[72] TURNER, LOUIS, GB</p> <p>[72] BURN, PATRICK, GB</p> <p>[72] WHITE, MALCOLM, GB</p> <p>[72] MEADOWCROFT, SIMON, GB</p> <p>[72] ULLRICH, GEORGE CHRISTIAN, GB</p> <p>[72] WEBB, DAVID EDWARD, GB</p> <p>[71] CREO MEDICAL LIMITED, GB</p> <p>[85] 2020-03-24</p> <p>[86] 2018-10-12 (PCT/EP2018/077880)</p> <p>[87] (WO2019/073037)</p> <p>[30] GB (1716865.9) 2017-10-13</p>
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[21] **3,076,877**  
[13] A1

- [51] Int.Cl. C07D 241/20 (2006.01) A61K 31/4965 (2006.01) A61P 1/04 (2006.01) A61P 7/02 (2006.01) A61P 9/00 (2006.01) A61P 9/08 (2006.01) A61P 9/10 (2006.01) A61P 9/12 (2006.01) A61P 11/00 (2006.01) A61P 11/06 (2006.01) A61P 11/14 (2006.01) A61P 13/12 (2006.01) A61P 17/02 (2006.01) A61P 25/00 (2006.01) A61P 43/00 (2006.01)
- [25] EN
- [54] **CRYSTAL**
- [54] **CRISTAUX**
- [72] FUJIWARA, TOSHIO, US
- [71] NIPPON SHINYAKU CO., LTD., JP
- [85] 2020-03-24
- [86] 2018-09-27 (PCT/JP2018/035828)
- [87] (WO2019/065792)
- [30] JP (2017-187296) 2017-09-28
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[21] **3,076,878**  
[13] A1

- [51] Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01) A61L 15/64 (2006.01) A61M 1/00 (2006.01) B05C 19/00 (2006.01) B05D 1/16 (2006.01) D04H 11/00 (2006.01)
- [25] EN
- [54] **FLUID MANAGEMENT FOR SENSOR ENABLED WOUND THERAPY DRESSINGS AND SYSTEMS**
- [54] **GESTION DES FLUIDES POUR PANSEMENTS DE TRAITEMENT DE PLAIES ACTIVES PAR CAPTEUR ET SYSTEMES ASSOCIES**
- [72] GOWANS, PHILIP, GB
- [72] HARTWELL, EDWARD YERBURY, GB
- [72] HUNT, ALLAN KENNETH FRAZER GRUGEON, GB
- [72] PARTINGTON, LEE IAN, GB
- [72] PHILLIPS, MARCUS DAMIAN, GB
- [72] QUINTANAR, FELIX CLARENCE, GB
- [72] STEWARD, DANIEL LEE, GB
- [72] URWIN, CHARLOTTE, GB
- [72] WHELDRAKE, AMY NICOLE, GB
- [71] SMITH & NEPHEW PLC, GB
- [85] 2020-03-24
- [86] 2018-10-17 (PCT/EP2018/078374)
- [87] (WO2019/076967)
- [30] US (62/574196) 2017-10-18
- [30] GB (1718851.7) 2017-11-15
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[21] **3,076,879**  
[13] A1

- [51] Int.Cl. A24F 47/00 (2020.01)
- [25] EN
- [54] **CONSUMABLE CARTRIDGE FOR AN AEROSOL GENERATION DEVICE**
- [54] **CARTOUCHE CONSOMMABLE DESTINEE A UN DISPOSITIF DE GENERATION D'AEROSOL**
- [72] ROGAN, ANDREW ROBERT JOHN, GB
- [72] NOMPILAKIS, SPYRIDON, GR
- [71] JT INTERNATIONAL SA, CH
- [85] 2020-03-24
- [86] 2018-09-24 (PCT/EP2018/075755)
- [87] (WO2019/057956)
- [30] EP (17192995.3) 2017-09-25
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[21] **3,076,880**  
[13] A1

- [51] Int.Cl. H01S 3/08 (2006.01) H01S 3/02 (2006.01) H01S 3/083 (2006.01) H01S 3/11 (2006.01)
- [25] EN
- [54] **HOLLOW WAVEGUIDE LASER**
- [54] **LASER A GUIDE D'ONDES CREUX**
- [72] LAMB, ROBERT, GB
- [72] ELDAR, IAN, GB
- [71] LEONARDO MW LIMITED, GB
- [85] 2020-03-24
- [86] 2018-11-02 (PCT/EP2018/080067)
- [87] (WO2019/086639)
- [30] GB (1718212.2) 2017-11-02
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[21] **3,076,881**  
[13] A1

- [51] Int.Cl. B65D 1/02 (2006.01) B65D 1/32 (2006.01)
- [25] EN
- [54] **SYNTHETIC RESIN MULTILAYER BOTTLE**
- [54] **BOUTEILLE MULTICOUCHE EN RESINE SYNTHETIQUE**
- [72] NAKAHASHI, TAKAHIRO, JP
- [72] MANNEN, NATSUYUKI, JP
- [72] KUWAGAKI, DENMI, JP
- [71] KIKKOMAN CORPORATION, JP
- [85] 2020-03-24
- [86] 2018-09-27 (PCT/JP2018/036032)
- [87] (WO2019/069794)
- [30] JP (2017-195645) 2017-10-06
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[21] **3,076,882**  
[13] A1

- [51] Int.Cl. E21B 34/14 (2006.01) E21B 43/12 (2006.01) E21B 43/14 (2006.01) E21B 43/32 (2006.01)
- [25] EN
- [54] **METHOD AND APPARATUS FOR CONTROLLING DOWNHOLE WATER PRODUCTION**
- [54] **PROCEDE ET APPAREIL POUR COMMANDER LA PRODUCTION D'EAU EN PROFONDEUR DE FORAGE**
- [72] HUNTER, JOHN, GB
- [72] WILSON, ANTHONY, GB
- [71] SWELLFIX UK LIMITED, GB
- [85] 2020-03-24
- [86] 2018-09-27 (PCT/GB2018/052760)
- [87] (WO2019/064008)
- [30] GB (1715649.8) 2017-09-27
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[21] **3,076,883**  
[13] A1

- [51] Int.Cl. F16K 1/42 (2006.01) F16K 27/02 (2006.01)
- [25] EN
- [54] **CARBIDE INSERT ASSEMBLY HAVING A FUSED RETAINER**
- [54] **ENSEMBLE INSERT EN CARBURE AYANT UN ARRETOIR FUSIONNE**
- [72] HAGEN, CORY J., US
- [71] FISHER CONTROLS INTERNATIONAL LLC, US
- [85] 2020-03-24
- [86] 2018-09-14 (PCT/US2018/051015)
- [87] (WO2019/067231)
- [30] US (15/721,593) 2017-09-29
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<p style="text-align: right;"><b>[21] 3,076,885</b> [13] A1</p> <p>[51] Int.Cl. C07D 307/94 (2006.01) A61K 31/343 (2006.01) A61K 31/351 (2006.01) A61K 31/4155 (2006.01) A61K 31/424 (2006.01) A61K 31/4245 (2006.01) A61K 31/438 (2006.01) A61K 31/443 (2006.01) A61K 31/454 (2006.01) A61K 31/506 (2006.01) A61P 3/04 (2006.01) A61P 21/02 (2006.01) A61P 25/00 (2006.01) A61P 25/02 (2006.01) A61P 25/08 (2006.01) A61P 25/14 (2006.01) A61P 25/16 (2006.01) A61P 25/18 (2006.01) A61P 25/20 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) A61P 25/30 (2006.01) A61P 25/32 (2006.01) A61P 27/02 (2006.01) A61P 29/00 (2006.01) C07D 405/04 (2006.01) C07D 405/14 (2006.01) C07D 407/12 (2006.01) C07D 413/04 (2006.01) C07D 413/14 (2006.01) C07D 498/10 (2006.01)</p> <p>[25] EN</p> <p>[54] <b>GRISEOFULVIN COMPOUND AND PHARMACEUTICAL USE THEREOF</b></p> <p>[54] <b>COMPOSE DE GRISEOFULVINE ET SON UTILISATION PHARMACEUTIQUE</b></p> <p>[72] SAITO, KEIJI, JP</p> <p>[72] NAKAJIMA, KATSUYOSHI, JP</p> <p>[72] OGAWA, YASUYUKI, JP</p> <p>[72] MAKINO, MITSUHIRO, JP</p> <p>[72] ITO, KAORI, JP</p> <p>[72] NAGATA, SEIKO, JP</p> <p>[72] HIRASAWA, MAKOTO, JP</p> <p>[71] DAIICHI SANKYO COMPANY, LIMITED, JP</p> <p>[85] 2020-03-24</p> <p>[86] 2018-09-28 (PCT/JP2018/036160)</p> <p>[87] (WO2019/065928)</p> <p>[30] JP (2017-191690) 2017-09-29</p>
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<p style="text-align: right;"><b>[21] 3,076,887</b> [13] A1</p> <p>[51] Int.Cl. G06N 99/00 (2019.01)</p> <p>[25] EN</p> <p>[54] <b>METHOD FOR COST EFFECTIVE THERMO-DYNAMIC FLUID PROPERTY PREDICTIONS USING MACHINE-LEARNING BASED MODELS</b></p> <p>[54] <b>PROCEDE POUR PREDICTIONS DE PROPRIETES THERMODYNAMIQUES DE FLUIDE ECONOMIQUES UTILISANT DES MODELES BASES SUR L'APPRENTISSAGE AUTOMATIQUE</b></p> <p>[72] KASHINATH, ABISHEK, US</p> <p>[71] SAUDI ARABIAN OIL COMPANY, SA</p> <p>[85] 2020-03-24</p> <p>[86] 2018-09-19 (PCT/US2018/051684)</p> <p>[87] (WO2019/067282)</p> <p>[30] US (62/563,460) 2017-09-26</p>
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- [54] TUMOR MUTATIONAL LOAD
- [54] CHARGE DE MUTATION DE TUMORALE
- [72] CHAN, TIMOTHY A., US
- [72] CHOWELL PUENTE, DIEGO, US
- [72] SAMSTEIN, ROBERT M., US
- [72] MORRIS, LUC, US
- [71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
- [85] 2020-03-24
- [86] 2018-09-25 (PCT/US2018/052663)
- [87] (WO2019/060894)
- [30] US (62/562,977) 2017-09-25
- [30] US (62/569,053) 2017-10-06

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[13] A1

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- [25] EN
- [54] CARD FOR CLEANING PRINTED MEDIA TRANSPORT SYSTEM AND METHOD OF USING SAME
- [54] CARTE POUR LE NETTOYAGE D'UN SYSTEME DE TRANSPORT DE SUPPORTS IMPRIMES ET PROCEDE L'UTILISANT
- [72] BAILEY, GLEN, US
- [72] CARON, GEOFFREY SCOTT, US
- [72] MCCORMICK, IAN, US
- [72] CONDON, JOHN, US
- [72] KERN, BYRON MEHL II, US
- [72] PEDERSEN, KENNETH MONROE III, US
- [71] KICTEAM, INC., US
- [85] 2020-03-24
- [86] 2018-09-25 (PCT/US2018/052534)
- [87] (WO2019/060867)
- [30] US (62/562,640) 2017-09-25
- [30] US (15/896,336) 2018-02-14

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- [25] EN
- [54] MANAGEMENT OF ENCRYPTION AGENTS IN DATA STORAGE SYSTEMS
- [54] GESTION D'AGENTS DE CHIFFREMENT DANS DES SYSTEMES DE MEMOIRE DE DONNEES
- [72] RANGAYYAN, VISHNU, US
- [72] SADROLASHRAFI, MASOUD, US
- [72] TSAI, PETER, US
- [71] THALES ESECURITY, INC., US
- [85] 2020-03-24
- [86] 2018-09-25 (PCT/US2018/052703)
- [87] (WO2019/067463)
- [30] US (62/563,540) 2017-09-26
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- [25] EN
- [54] MOVABLE CARD FOR CLEANING PRINTED MEDIA TRANSPORT SYSTEM AND METHOD OF USING SAME
- [54] CARTE MOBILE POUR NETTOYER UN SYSTEME DE TRANSPORT DE SUPPORTS IMPRIMES ET SON PROCEDE D'UTILISATION
- [72] BAILEY, GLEN, US
- [72] CARON, GEOFFREY SCOTT, US
- [72] MCCORMICK, IAN, US
- [72] CONDON, JOHN, US
- [72] KERN, BYRON MEHL II, US
- [72] PEDERSEN, KENNETH MONROE III, US
- [71] KICTEAM, INC., US
- [85] 2020-03-24
- [86] 2018-09-25 (PCT/US2018/052536)
- [87] (WO2019/060868)
- [30] US (62/562,640) 2017-09-25
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- [51] Int.Cl. G06F 11/30 (2006.01)
- [25] EN
- [54] DATA PROCESSING SYSTEM WITH MACHINE LEARNING ENGINE TO PROVIDE OUTPUT GENERATING FUNCTIONS
- [54] SYSTEME DE TRAITEMENT DE DONNEES A MOTEUR D'APPRENTISSAGE AUTOMATIQUE POUR FOURNIR DES FONCTIONS DE GENERATION DE SORTIE
- [72] RUGEL, JOHN, US
- [72] STRICKER, BRIAN, US
- [72] HAYES, HOWARD, US
- [71] ALLSTATE INSURANCE COMPANY, US
- [85] 2020-03-24
- [86] 2018-09-25 (PCT/US2018/052609)
- [87] (WO2019/067428)
- [30] US (15/716,983) 2017-09-27
- [30] US (15/727,226) 2017-10-06

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[13] A1

- [51] Int.Cl. A61K 31/536 (2006.01) A61P 25/08 (2006.01) C07D 265/18 (2006.01)
- [25] EN
- [54] METHODS OF TREATING DEVELOPMENTAL DISORDERS AND/OR SEIZURE DISORDERS WITH ETIFOXINE
- [54] METHODES DE TRAITEMENT DE TROUBLES DU DEVELOPPEMENT ET/OU DE TROUBLES EPILEPTIQUES AVEC DE L'ETIFOXINE
- [72] DURING, MATTHEW, US
- [71] OVID THERAPEUTICS INC., US
- [85] 2020-03-24
- [86] 2018-09-25 (PCT/US2018/052542)
- [87] (WO2019/067389)
- [30] US (62/563,155) 2017-09-26
- [30] US (15/961,002) 2018-04-24

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  - [54] SELF-CONTAINED OCULAR SURGERY INSTRUMENT
  - [54] INSTRUMENT DE CHIRURGIE OCULAIRE AUTONOME
  - [72] WILEY, WILLIAM F., US
  - [71] WILEY, WILLIAM F., US
  - [85] 2020-03-24
  - [86] 2018-09-25 (PCT/US2018/052620)
  - [87] (WO2019/067435)
  - [30] US (62/563,408) 2017-09-26
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- [25] EN
- [54] TREATMENT PLANNING BASED ON MULTIPLE MODALITIES
- [54] PROGRAMMATION D'UN TRAITEMENT BASEE SUR DES MODALITES MULTIPLES
- [72] DEBLOIS, FRANCOIS, CA
- [72] RENAUD, MARC-ANDRE, CA
- [72] SEUNTJENS, JAN, CA
- [71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
- [85] 2020-03-20
- [86] 2017-09-25 (PCT/CA2017/051127)
- [87] (WO2018/053648)
- [30] US (62/398,785) 2016-09-23

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- [25] EN
- [54] AUTONOMOUS UNIT LAUNCHING SYSTEM FOR OIL AND GAS WELLS LOGGING, METHOD OF INSTALLATION AND UNINSTALLATION OF SAID AUTONOMOUS UNIT IN THE SYSTEM AND RESCUE SYSTEM
- [54] SYSTEME DE LANCEMENT D'UNITE AUTONOME POUR DIAGRAPHIE DE PUITS DE PETROLE ET DE GAZ, PROCEDE DE MONTAGE ET DE DEMONTAGE DE LADITE UNITE AUTONOME DANS LE SYSTEME, ET SYSTEME DE SAUVETAGE
- [72] FERNANDES, PAULO DORE, BR
- [72] BARBOSA, ALEXANDRE ORMIGA GALVAO, BR
- [72] FREITAS, DANIEL ZACARIAS, BR
- [71] INSFOR - INNOVATIVE SOLUTIONS FOR ROBOTICS LTD. - ME, BR
- [85] 2020-02-14
- [86] 2017-09-19 (PCT/BR2017/050275)
- [87] (WO2019/033183)
- [30] BR (BR 10 2017 017526 0) 2017-08-15

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  - [25] EN
  - [54] TREATMENT OF OCULAR DISEASES WITH FULLY-HUMAN POST-TRANSLATIONALLY MODIFIED ANTI-VEGF FAB
  - [54] TRAITEMENT DE MALADIES OCULAIRES AVEC UN FAB ANTI-VEGF A MODIFICATION POST-TRADUCTIONNELLE TOTALEMENT HUMAIN
  - [72] YOO, STEPHEN, US
  - [72] REINHARDT, RICKY ROBERT, US
  - [72] VAN EVEREN, SHERRI, US
  - [72] KOZARSKY, KAREN FRAN, US
  - [72] SIMPSON, CURRAN MATTHEW, US
  - [72] WU, ZHUCHUN, US
  - [72] CAMPOCHIARO, PETER ANTHONY, US
  - [72] SHEN, JIKUI, US
  - [72] DING, KUN, US
  - [71] REGENXBIO INC., US
  - [71] THE JOHNS HOPKINS UNIVERSITY, US
  - [85] 2020-03-24
  - [86] 2018-09-26 (PCT/US2018/052855)
  - [87] (WO2019/067540)
  - [30] US (62/564,095) 2017-09-27
  - [30] US (62/574,657) 2017-10-19
  - [30] US (62/579,682) 2017-10-31
  - [30] US (62/632,812) 2018-02-20
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- [25] EN
- [54] SITUATION-DEPENDENT SUPERCAPACITOR VOLTAGE CONTROL
- [54] REGULATION DE TENSION DE SUPERCONDENSATEUR EN FONCTION DE LA SITUATION
- [72] SEBERGER, STEPHEN G., US
- [72] LOSING, SCOTT EDWARD, US
- [72] BRYANT, ZACHARY MATHEW, US
- [71] FISHER CONTROLS INTERNATIONAL LLC, US
- [85] 2020-03-24
- [86] 2018-09-26 (PCT/US2018/052912)
- [87] (WO2019/067586)
- [30] US (62/566,168) 2017-09-29

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  - [25] EN
  - [54] NIRAPARIB FORMULATIONS
  - [54] FORMULATIONS DE NIRAPARIB
  - [72] MCGURK, SIMON, US
  - [72] NARAYAN, PADMA, US
  - [72] RAJLIC, ALEKSANDAR, US
  - [71] TESARO, INC., US
  - [85] 2020-03-24
  - [86] 2018-09-26 (PCT/US2018/052979)
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  - [30] US (62/563,535) 2017-09-26
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- [25] EN
- [54] FOLDED OPTICS METHODS AND APPARATUS FOR IMPROVING EFFICIENCY OF LED-BASED LUMINAIRES
- [54] PROCEDES ET APPAREIL DE SYSTEME A TRAJET OPTIQUE REPLIE POUR AMELIORER L'EFFICACITE DE LUMINAIRES A BASE DE DEL
- [72] LOTFI GASKARIMAHALLE, AMIR, US
- [72] CHEN, BENJAMIN, US
- [72] KESSLER, DAVID, US
- [71] DMF, INC., US
- [85] 2020-03-24
- [86] 2018-09-26 (PCT/US2018/052996)
- [87] (WO2019/067647)
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- [25] EN
- [54] SYSTEM AND METHOD FOR SENSING TEMPERATURE OF A RECEPTACLE
- [54] SYSTEME ET PROCEDE DE DETECTION DE TEMPERATURE D'UN CONNECTEUR FEMELLE
- [72] MORTUN, SORIN, US
- [72] SAMOJEDEN, MATTHEW, US
- [71] HUBBELL INCORPORATED, US
- [85] 2020-03-24
- [86] 2018-09-27 (PCT/US2018/053018)
- [87] (WO2019/067662)
- [30] US (62/564,623) 2017-09-28

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- [51] Int.Cl. E04C 2/26 (2006.01) B32B 13/04 (2006.01) C04B 24/24 (2006.01) C04B 28/14 (2006.01) E04C 2/38 (2006.01)
- [25] EN
- [54] PLASTER BOARDS AND METHODS FOR MAKING THEM
- [54] PLAQUES DE PLATRE ET LEURS PROCEDES DE FABRICATION
- [72] DIMITRAKOPOULOS, JAMES, US
- [72] JACOBS, GREGORY F., US
- [71] CERTAINTEED GYPSUM, INC., US
- [85] 2020-03-24
- [86] 2018-09-28 (PCT/US2018/053563)
- [87] (WO2019/067994)
- [30] US (62/565,003) 2017-09-28

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[13] A1

- [51] Int.Cl. B01J 13/02 (2006.01) C12Q 1/6806 (2018.01) C12Q 1/6844 (2018.01) C12Q 1/6869 (2018.01) C12N 15/10 (2006.01) C12Q 1/00 (2006.01)
  - [25] EN
  - [54] METHOD OF GENERATING MONODISPERSE EMULSIONS
  - [54] PROCEDE DE GENERATION D'EMULSIONS MONODISPERSEES
  - [72] ABATE, ADAM R., US
  - [72] HATORI, MAKIKO N., US
  - [72] LIU, LEQIAN, US
  - [72] KIM, SAMUEL, US
  - [72] MODAVI, CYRUS, US
  - [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
  - [85] 2020-03-24
  - [86] 2018-09-28 (PCT/US2018/053598)
  - [87] (WO2019/139650)
  - [30] US (62/565,976) 2017-09-29
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- [51] Int.Cl. G06Q 10/00 (2012.01) G06Q 10/06 (2012.01)
- [25] EN
- [54] PREDICTIVE PARCEL DAMAGE IDENTIFICATION, ANALYSIS, AND MITIGATION
- [54] IDENTIFICATION, ANALYSE ET ATTENUATION PREDICTIVE D'ENDOMMAGEMENT DE COLIS
- [72] GOJA, ASHEESH, US
- [71] UNITED PARCEL SERVICE OF AMERICA, INC., US
- [85] 2020-03-24
- [86] 2018-10-01 (PCT/US2018/053721)
- [87] (WO2019/068076)
- [30] US (62/565,404) 2017-09-29

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[21] 3,076,913  
[13] A1

[25] EN  
[54] FUNCTIONAL PROTEIN DERIVED FROM ANIMAL MUSCLE TISSUE OR MECHANICALLY DEBONED MEAT AND METHOD FOR MAKING THE SAME  
[54] PROTEINE FONCTIONNELLE DERIVEE D'UN TISSU MUSCULAIRE ANIMAL OU DE VIANDE DESOSSEE MECANIQUEMENT ET SON PROCEDE DE PREPARATION  
[72] KELLEHER, STEPHEN D., US  
[72] FIELDING, WILLIAM R., US  
[71] PROTEUS INDUSTRIES, INC., US  
[85] 2020-03-24  
[86] 2018-10-01 (PCT/US2018/053792)  
[87] (WO2019/070602)  
[30] US (62/567,041) 2017-10-02  
[30] US (16/148,720) 2018-10-01

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[13] A1

[51] Int.Cl. A61B 8/08 (2006.01) A61B 5/0402 (2006.01)  
[25] EN  
[54] SYSTEM AND METHOD FOR FUSING ULTRASOUND WITH ADDITIONAL SIGNALS  
[54] SYSTEME ET PROCEDE DE FUSION D'ULTRASONS AVEC DES SIGNAUX SUPPLEMENTAIRES  
[72] PAGOULATOS, NIKOLAOS, US  
[72] PAILOOR, RAMACHANDRA, US  
[72] NIEMINEN, GREG, US  
[72] DOHERTY, TERRY, US  
[72] BROAD, RON, US  
[72] BRUNKE, SHELBY, US  
[71] ECHONOUS, INC., US  
[85] 2020-03-24  
[86] 2018-10-02 (PCT/US2018/054019)  
[87] (WO2019/070754)  
[30] US (62/568,709) 2017-10-05  
[30] US (15/969,632) 2018-05-02

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[13] A1

[51] Int.Cl. A61K 31/52 (2006.01) A61K 31/435 (2006.01) A61K 31/4709 (2006.01) A61K 31/496 (2006.01) A61K 31/704 (2006.01) A61K 31/7068 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)  
[25] EN  
[54] THERAPEUTIC METHODS RELATING TO HSP90 INHIBITORS  
[54] METHODES THERAPEUTIQUES SE RAPPORTANT AUX INHIBITEURS DE HSP90  
[72] LICHENSTEIN, HENRI, US  
[72] BEEHARRY, NEIL, US  
[72] LANDRETTE, SEAN, US  
[72] GAYLE, SOPHIA, CV  
[72] GROTKZE, JEFF, US  
[72] HERNANDEZ, MARYLENS, US  
[72] YOUNG, PETER R., US  
[72] ROTBERG, JONATHAN M., US  
[71] AI THERAPEUTICS, INC., US  
[85] 2020-03-24  
[86] 2018-09-27 (PCT/US2018/053025)  
[87] (WO2019/067666)  
[30] US (62/563,991) 2017-09-27  
[30] US (62/587,886) 2017-11-17  
[30] US (62/688,079) 2018-06-21

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[13] A1

[51] Int.Cl. A61K 33/26 (2006.01) A61K 31/122 (2006.01) A61K 31/202 (2006.01) A61K 31/355 (2006.01) A61K 31/519 (2006.01) A61K 31/592 (2006.01) A61K 31/593 (2006.01) A61K 31/714 (2006.01) A61K 33/06 (2006.01) A61K 33/18 (2006.01) A61K 33/22 (2006.01) A61P 3/02 (2006.01)  
[25] EN  
[54] DIETARY NUTRIENT COMPOSITIONS  
[54] COMPOSITIONS NUTRITIVES DIETETIQUES  
[72] BUCCI, LUKE, US  
[72] SCHNEIDER, KATERINA, US  
[71] NATALS, INC., US  
[85] 2020-03-24  
[86] 2018-09-28 (PCT/US2018/053460)  
[87] (WO2019/067924)  
[30] US (15/719,127) 2017-09-28

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[13] A1

[51] Int.Cl. A01N 25/02 (2006.01) A01N 25/30 (2006.01) B01F 17/00 (2006.01) C10M 101/00 (2006.01) C10M 169/04 (2006.01) C10M 169/06 (2006.01)  
[25] EN  
[54] EMULSIONS HAVING OIL PHASE SURFACTANTS AND WATER PHASE ADDITIVE BLENDS  
[54] EMULSIONS COMPRENANT DES TENSIOACTIFS EN PHASE HUILEUSE ET DES MELANGES D'ADDITIFS EN PHASE AQUEUSE  
[72] GOLDEN, ROBERT E., US  
[71] PILOT CHEMICAL CORP., US  
[85] 2020-03-24  
[86] 2018-09-28 (PCT/US2018/053491)  
[87] (WO2019/067940)  
[30] US (62/565,707) 2017-09-29  
[30] US (62/641,743) 2018-03-12

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[13] A1

[51] Int.Cl. C12Q 1/6809 (2018.01) C12Q 1/6886 (2018.01) G16B 20/00 (2019.01) G16B 30/00 (2019.01) C07K 7/06 (2006.01) C12Q 1/68 (2018.01) G01N 33/48 (2006.01)  
[25] EN  
[54] METHOD OF PREDICTION OF TUMOR-DERIVED NEO-PEPTIDE ANTIGENICITY AND/OR IMMUNOGENICITY USING MUTATIONAL SIGNATURE PATTERNS  
[54] PROCEDE DE PREDICTION DE L'ANTIGENICITE ET/OU DE L'IMMUNOGENICITE D'UN NEO-PEPTIDE DERIVE D'UNE TUMEUR, A L'AIDE DE MOTIFS DE SIGNATURE MUTATIONNELLE  
[72] KURZROCK, RAZELLE, US  
[72] TSIGELNY, IGOR, FLINT, US  
[72] BOICHARD, AMELIE, CLEMENCE, US  
[72] PHAM, TIMOTHY, VIET, US  
[71] CUREMATCH, INC., US  
[85] 2020-03-24  
[86] 2018-10-02 (PCT/US2018/054042)  
[87] (WO2019/070769)  
[30] US (62/567,096) 2017-10-02

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  - [25] EN
  - [54] LOCAL DELIVERY OF ANTINEOPLASTIC PARTICLES IN COMBINATION WITH SYSTEMIC DELIVERY OF IMMUNOTHERAPEUTIC AGENTS FOR THE TREATMENT OF CANCER
  - [54] ADMINISTRATION LOCALE DE PARTICULES ANTINEOPLASIQUES EN COMBINAISON AVEC UNE ADMINISTRATION SYSTEMIQUE D'AGENTS IMMUNOTHERAPEUTIQUES POUR LE TRAITEMENT DU CANCER
  - [72] DIZEREZA, GERE, US
  - [72] BALTEZOR, MIKE, US
  - [72] CAMPBELL, SAM, US
  - [72] DECEDUE, CHARLES, US
  - [72] MCCLOREY, MATT, US
  - [71] CRITITECH, INC., US
  - [85] 2020-03-24
  - [86] 2018-10-03 (PCT/US2018/054156)
  - [87] (WO2019/070850)
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- [25] EN
- [54] IMMUNOMODULATORY OLIGOSACCHARIDES
- [54] OLIGOSACCHARIDES IMMUNOMODULATEURS
- [72] BODE, LARS, US
- [72] GORDTS, PHILIP, US
- [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
- [85] 2020-03-24
- [86] 2018-10-04 (PCT/US2018/054433)
- [87] (WO2019/071021)
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  - [25] EN
  - [54] SYSTEMS AND METHODS FOR ENSURING DATA SECURITY IN THE TREATMENT OF DISEASES AND DISORDERS USING DIGITAL THERAPEUTICS
  - [54] SYSTEMES ET PROCEDES POUR ASSURER LA SECURITE DES DONNEES DANS LE TRAITEMENT DE MALADIES ET DE TROUBLES A L'AIDE D'AGENTS THERAPEUTIQUES NUMERIQUES
  - [72] MCFARLAND, IAN, US
  - [72] MA, JASON F., US
  - [72] PALLONE, DAVINA, US
  - [72] BARBOSA, DANIEL, US
  - [72] TRINH, PHU, US
  - [71] PEAR THERAPEUTICS, INC., US
  - [85] 2020-03-24
  - [86] 2018-10-10 (PCT/US2018/055120)
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  - [30] US (62/570,975) 2017-10-11
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- [54] RUGGEDIZED BUOYANT MEMORY MODULES FOR DATA LOGGING AND DELIVERY SYSTEM USING FLUID FLOW IN OIL AND GAS WELLS
- [54] MODULES DE MEMOIRE FLOTTANTS RENFORCES POUR SYSTEME DE DIAGRAPHIE ET DE DISTRIBUTION DE DONNEES UTILISANT UN ECOULEMENT DE FLUIDE DANS DES PUITS DE PETROLE ET DE GAZ
- [72] SHERRIT, STEWART, US
- [72] HALL, JEFFERY L., US
- [72] VO, DYUNG TIEN, US
- [72] EMANUELE, MARK ANTHONY, US
- [71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
- [71] CHEVRON U.S.A. INC., US
- [85] 2020-03-24
- [86] 2018-10-12 (PCT/US2018/055565)
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  - [54] BASCULE BISTABLE A MODE DE PHASE RQL
  - [72] BRAUN, ALEXANDER LOUIS, US
  - [71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
  - [85] 2020-03-24
  - [86] 2018-10-17 (PCT/US2018/056293)
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  - [25] EN
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  - [54] MOLECULE D'INHIBITEUR DE L'ACIDE NUCLEIQUE DE BETA-CATENINE
  - [72] GANESH, SHANTHI, US
  - [71] DICERNA PHARMACEUTICALS, INC., US
  - [85] 2020-03-24
  - [86] 2018-10-17 (PCT/US2018/056317)
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- [25] EN
- [54] MSI FROM LIQUID BIOPSIES
- [54] MSI A PARTIR DE BIOPSIES DE LIQUIDE
- [72] HUANG, XU, US
- [71] NANTOMICS, LLC, US
- [85] 2020-03-24
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[25] EN  
[54] IMPROVEMENTS IN ARMOURED CABLE AND ITS MANUFACTURE  
[54] AMELIORATIONS APPORTEES A UN CABLE BLINDE ET A SA FABRICATION  
[72] FITZNER, MARC, CA  
[72] MCMILLEN, PAUL, CA  
[71] FITZNER, MARC, CA  
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[85] 2020-03-25  
[86] 2017-10-17 (PCT/CA2017/051233)  
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[54] PROCEDE ET APPAREIL POUR INTERVENTIONS CARDIAQUES  
[72] CORTEZ, FELINO V., JR., US  
[72] GAMMIE, JAMES S., US  
[72] WILSON, PETER, US  
[72] ZANETTI, LUKE ANTHONY, US  
[72] ETHERIDGE, JULIE MARIE, US  
[72] COURNANE, STEPHEN, US  
[71] UNIVERSITY OF MARYLAND, BALTIMORE, US  
[71] HARPOON MEDICAL, INC., US  
[85] 2020-03-24  
[86] 2018-10-22 (PCT/US2018/056906)  
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[54] COMPOSITIONS COMPRISING CANNABIDIOL, TETRAHYDROCANNABINOL, TERPENES, AND FLAVONOIDS AND USE THEREOF IN THE TREATMENT OF INSOMNIA  
[54] COMPOSITIONS COMPRENNANT DU CANNABIDIOL, DU TETRAHYDROCANNABINOL, DES TERPENES ET DES FLAVONOÏDES ET LEUR UTILISATION DANS LE TRAITEMENT DE L'INSOMNIE

[72] MACNAIR, LAURA, CA  
[72] BATAL, RAMI, CA  
[72] HETHERINGTON, MARK ANDREW, CA  
[72] WARE, MARK, CA  
[72] SCHNARR, CHRIS J., CA  
[72] KRAWCYZK, STEVE, CA  
[71] CANOPY HEALTH INNOVATIONS, CA  
[85] 2020-03-25  
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[30] US (62/562,823) 2017-09-25  
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[30] US (62/562,832) 2017-09-25  
[30] US (62/562,836) 2017-09-25  
[30] US (62/562,840) 2017-09-25  
[30] US (62/562,845) 2017-09-25  
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[25] EN  
[54] PRESS HARDENED STEEL WITH TAILORED PROPERTIES  
[54] ACIER TREMPE SOUS PRESSE AYANT DES PROPRIETES SUR MESURE  
[72] PAVLINA, ERIK JAMES, US  
[72] TATE, STEPHEN BRYANT, US  
[71] AK STEEL PROPERTIES, INC., US  
[85] 2020-03-24  
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[25] EN  
[54] PRESS HARDENED STEEL WITH TAILORED PROPERTIES AFTER NOVEL THERMAL TREATMENT  
[54] ACIER ESTAMPE A CHAUD AYANT DES PROPRIETES PARTICULIERES APRES UN TRAITEMENT THERMIQUE INNOVANT  
[72] PAVLINA, ERIK JAMES, US  
[72] TATE, STEPHEN BRYANT, US  
[72] THOMAS, GRANT AARON, US  
[71] AK STEEL PROPERTIES, INC., US  
[85] 2020-03-24  
[86] 2018-11-02 (PCT/US2018/059006)  
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- [25] EN
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- [54] FABRICATION ASSISTEE PAR MICROFLUIDIQUE DE COMPOSITES MICROPARTICULES POLYMERES-NANOPARTICULES METALLIQUES
- [72] MALIC, LIDIJA, CA
- [72] ZHANG, XUEFENG, CA
- [72] MORTON, KEITH J., CA
- [72] VERES, TEODOR, CA
- [71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
- [85] 2020-03-25
- [86] 2018-09-25 (PCT/CA2018/051202)
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- [54] SYSTEME D'ADMINISTRATION ELECTROPHORETIQUE ACTIVE COMPRENANT UNE COUCHE D'ELECTRODE CONDUCTRICE POREUSE
- [72] LIU, LEI, US
- [71] E INK CALIFORNIA, LLC, US
- [85] 2020-03-24
- [86] 2018-11-12 (PCT/US2018/060259)
- [87] (WO2019/099320)
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- [54] SYSTEME DE GESTION ET D'ACCOMPAGNEMENT DE THERAPIE DE PATIENT
- [72] STONE, MICHAEL P., US
- [72] VELADO, KEVIN E., US
- [72] ARUNACHALAM, SIDDHARTH, US
- [72] JIANG, BOYI, US
- [72] BOWLAND, JACOB, US
- [72] LINDEKE, NOLAN, US
- [72] AGRAWAL, PRATIK, US
- [72] LIU, RAYMOND C., US
- [72] SHARMA, KRISTIN S., US
- [72] ZHONG, YUXIANG, US
- [72] CHEN, JINGHUA, US
- [72] ROMERO, ANA, US
- [71] MEDTRONIC MINIMED, INC., US
- [85] 2020-03-24
- [86] 2018-11-14 (PCT/US2018/061106)
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- [25] EN
- [54] IL-5 ANTIBODY, ANTIGEN BINDING FRAGMENT THEREOF, AND MEDICAL APPLICATION THEREFOR
- [54] ANTICORPS IL-5, SON FRAGMENT LIANT L'ANTIGENE ET SON UTILISATION MEDICALE
- [72] YING, HUA, CN
- [72] SHI, JINPING, CN
- [72] WANG, YIFANG, CN
- [72] HU, QIYUE, CN
- [72] GE, HU, CN
- [72] TAO, WEIKANG, CN
- [71] JIANGSU HENGRI MEDICINE CO., LTD., CN
- [71] SHANGHAI HENGRI PHARMACEUTICAL CO., LTD., CN
- [85] 2020-03-25
- [86] 2018-09-28 (PCT/CN2018/108240)
- [87] (WO2019/062831)
- [30] CN (201710906068.X) 2017-09-29

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- [25] EN
- [54] TECHNIQUES FOR CONTROLLING THE EXPRESSIVE BEHAVIOR OF VIRTUAL INSTRUMENTS AND RELATED SYSTEMS AND METHODS
- [54] TECHNIQUES DE COMMANDE DU COMPORTEMENT EXPRESSIF D'INSTRUMENTS VIRTUELS, ET SYSTEMES ET PROCEDES ASSOCIES
- [72] KATZ, SHELLEY, GB
- [72] TCHUBRILLO, GORAN, GB
- [71] SYMPHONOVA, LTD., GB
- [85] 2020-03-25
- [86] 2018-09-25 (PCT/EP2018/025245)
- [87] (WO2019/057343)
- [30] US (62/562,870) 2017-09-25

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- [25] EN
- [54] METHOD OF PLANNING PLATFORM LIFT
- [54] PROCEDE DE PLANIFICATION DE PLATEFORME ELEVATRICE
- [72] FELIS, THOMAS, US
- [72] DE KLEER, PIETER-BAS, NL
- [72] FEISMANN, SIMON, DE
- [72] SABA, ISAAK MODASER, DE
- [71] THYSSENKRUPP STAIRLIFTS B.V., NL
- [71] THYSSENKRUPP AG, DE
- [85] 2020-03-25
- [86] 2018-10-02 (PCT/EP2018/076867)
- [87] (WO2019/068737)
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  - [25] EN
  - [54] COMPUTATIONAL METHOD AND SYSTEM FOR IMAGE GENERATION WITH CODED INFORMATION, IMAGES OBTAINED THEREFROM AND READING METHOD AND SYSTEM THEREOF
  - [54] PROCEDE ET SYSTEME INFORMATIQUE DE GENERATION D'IMAGE AVEC INFORMATION CODEE, IMAGES AINSI OBTENUES ET PROCEDE ET SYSTEME DE LECTURE CORRESPONDANTS
  - [72] MENDONCA DA SILVA GONCALVES, NUNO MIGUEL, PT
  - [72] SANTOS PATRAO, BRUNO ANDRE, PT
  - [72] MORAES VALLE CRUZ, LEANDRO, PT
  - [72] DE ALMEIDA BARRETO, JOAO PEDRO, PT
  - [71] IMPRENSA NACIONAL-CASA DA MOEDA, SA, PT
  - [71] UNIVERSIDADE DE COIMBRA, PT
  - [85] 2020-03-25
  - [86] 2018-09-25 (PCT/IB2018/057411)
  - [87] (WO2019/064177)
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- [25] EN
- [54] MOTOR VEHICLE WITH SNOWGLIDING DEVICE
- [54] VEHICULE A MOTEUR A DISPOSITIF DE GLISSE SUR NEIGE
- [72] VIEBKE, GERT, SE
- [72] SERNEKE, OLA, SE
- [71] SERNEKE HYBRID SKI AB, SE
- [85] 2020-03-25
- [86] 2018-09-25 (PCT/EP2018/075946)
- [87] (WO2019/057985)
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  - [25] EN
  - [54] COMPOSITIONS AND METHODS FOR IMPROVING NITROGEN UTILIZATION IN A RUMINANT
  - [54] COMPOSITIONS ET PROCEDES D'AMELIORATION DE L'UTILISATION D'AZOTE CHEZ UN RUMINANT
  - [72] MARTIN-TERESO LOPEZ, JAVIER, NL
  - [72] PENA CARVALHO DE CARVALHO, ISABELA, NL
  - [71] NUTRECO IP ASSETS B.V., NL
  - [85] 2020-03-25
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  - [87] (WO2019/063697)
  - [30] EP (17193672.7) 2017-09-28
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- [51] Int.Cl. H04W 88/08 (2009.01)
- [25] EN
- [54] FRONTHAUL SYSTEM FOR A WIRELESS TELECOMMUNICATION NETWORK
- [54] SYSTEME FRONTHAUL POUR UN RESEAU DE TELECOMMUNICATION SANS FIL
- [72] NOTARGIACOMO, MASSIMO, IT
- [72] GABELLI, GIULIO, IT
- [72] MARCHESE, FABRIZIO, IT
- [72] PAGANI, ALESSANDRO, IT
- [71] TEKO TELECOM S.R.L., IT
- [85] 2020-03-25
- [86] 2018-09-17 (PCT/IB2018/057105)
- [87] (WO2019/064118)
- [30] IT (102017000109664) 2017-09-29

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[13] A1

- [51] Int.Cl. C07K 14/36 (2006.01) C07C 245/08 (2006.01) C07K 14/195 (2006.01)
  - [25] EN
  - [54] AFFINITY-TAGGED PHOTOSWITCHES AND METHODS OF USE THEREOF
  - [54] PHOTOCOMMUTATEURS A ETIQUETTE D'AFFINITE ET LEURS PROCEDES D'UTILISATION
  - [72] ISACOFF, EHUD Y., US
  - [72] TRAUNER, DIRK, US
  - [72] BROICHHAGEN, JOHANNES, DE
  - [72] LEVITZ, JOSHUA, US
  - [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
  - [85] 2020-03-23
  - [86] 2018-09-21 (PCT/US2018/052307)
  - [87] (WO2019/060785)
  - [30] US (62/561,882) 2017-09-22
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- [51] Int.Cl. C07K 7/06 (2006.01)
- [25] EN
- [54] SYNTHESIS OF ICATIBANT
- [54] SYNTHESE DE L'ICATIBANT
- [72] RAMU, VASANTHAKUMAR GANGA, IN
- [72] PATIL, NITIN SOPANRAO, IN
- [72] PALLE, VENKATA RAGHAVENDRACHARYULU, IN
- [72] YOGESHA, IN
- [71] BIOCON LIMITED, IN
- [85] 2020-03-25
- [86] 2018-09-27 (PCT/IB2018/057498)
- [87] (WO2019/064220)
- [30] IN (201741034314) 2017-09-27

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[21] **3,076,980**  
[13] A1

[51] Int.Cl. C07D 473/06 (2006.01)  
[25] EN  
[54] CRYSTALLINE LINAGLIPTIN INTERMEDIATE AND PROCESS FOR PREPARATION OF LINAGLIPTIN  
[54] INTERMEDIAIRE DE LINAGLIPTINE CRISTALLIN ET PROCEDE DE PREPARATION DE LINAGLIPTINE  
[72] PALLE, VENKATA RAGHAVENDRACHARYULU, IN  
[72] RAJMAHENDRA, SHANMUGHASAMY, IN  
[72] CHANDREGOWDA, DHARSHAN JAKKALI, IN  
[72] PONNUSAMY, THANGARASU, IN  
[71] BIOCON LIMITED, IN  
[85] 2020-03-25  
[86] 2018-09-27 (PCT/IB2018/057484)  
[87] (WO2019/064214)  
[30] IN (201741034292) 2017-09-27

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[13] A1

[51] Int.Cl. B65D 5/42 (2006.01) B65D 5/40 (2006.01)  
[25] EN  
[54] LIQUID PAPER CONTAINER  
[54] RECIPIENT DE PAPIER LIQUIDE  
[72] WADA, TATSUO, JP  
[72] SASE, KAZUHIKO, JP  
[72] OMORI, TAKASHI, JP  
[72] TANAKA, YUKIHIRO, JP  
[72] ASOI, EIICHI, JP  
[71] NIPPON PAPER INDUSTRIES CO., LTD., JP  
[85] 2020-03-25  
[86] 2018-09-19 (PCT/JP2018/034536)  
[87] (WO2019/059199)  
[30] JP (2017-183729) 2017-09-25

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[13] A1

[51] Int.Cl. C22B 23/02 (2006.01) C22B 3/00 (2006.01)  
[25] EN  
[54] PROCESS FOR THE RECOVERY OF METALS FROM COBALT-BEARING MATERIALS  
[54] PROCEDE DE RECUPERATION DE METAUX A PARTIR DE MATERIAUX CONTENANT DU COBALT  
[72] VERMEULEN, ISABEL, BE  
[72] OOSTERHOF, HARALD, BE  
[72] COECK, LUC, BE  
[72] HACCURIA, ELIEN, BE  
[72] CIVITS, TIJL, BE  
[72] SUETENS, THOMAS, BE  
[72] BALTES, MICHAEL, BE  
[71] UMICORE, BE  
[85] 2020-03-25  
[86] 2018-10-22 (PCT/EP2018/078896)  
[87] (WO2019/081432)  
[30] EP (17198908.0) 2017-10-27

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[13] A1

[51] Int.Cl. C07D 401/04 (2006.01) A61K 31/4035 (2006.01) A61P 29/00 (2006.01)  
[25] EN  
[54] CRYSTALLINE FORMS OF LENALIDOMIDE  
[54] FORMES CRISTALLINES DU LENALIDOMIDE  
[72] BHAT, RAMAKRISHNA PARAMESHWAR, IN  
[72] MATTI, LANKESWARARAO, IN  
[72] PALLE, VENKATA RAGHAVENDRACHARYULU, IN  
[72] REGALLA, VIJAYBHASKAR REDDY, IN  
[71] BIOCON LIMITED, IN  
[85] 2020-03-25  
[86] 2018-09-27 (PCT/IB2018/057500)  
[87] (WO2019/064222)  
[30] IN (201741034364) 2017-09-27

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[51] Int.Cl. H04W 4/38 (2018.01) H04W 36/36 (2009.01) G01D 1/04 (2006.01) H01Q 1/27 (2006.01) G06Q 10/06 (2012.01) H04W 4/029 (2018.01)  
[25] EN  
[54] COMMUNICATION ELEMENTS, COMMUNICATION SYSTEMS, TIME-OF-USE TRACKING ELEMENTS, METHODS OF COMMUNICATING, AND METHODS OF CONTROLLING COMMUNICATION OF INFORMATION REGARDING ASSETS  
[54] ELEMENTS DE COMMUNICATION, SYSTEMES DE COMMUNICATION, ELEMENTS DE SUIVI DE TEMPS D'UTILISATION, PROCEDES DE COMMUNICATION ET PROCEDES DE COMMANDE DE COMMUNICATION D'INFORMATIONS CONCERNANT DES ACTIFS

[72] BERRY, CHRISTOPHER, US  
[72] MCMAHON, STEPHEN, US  
[72] CHASTON, KEITH, US  
[71] MARQUARDT GMBH, DE  
[71] BERRY, CHRISTOPHER, US  
[71] MCMAHON, STEPHEN, US  
[85] 2020-03-23  
[86] 2018-10-03 (PCT/US2018/054140)  
[87] (WO2019/070837)  
[30] US (62/567,370) 2017-10-03

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[13] A1

[51] Int.Cl. B66F 7/06 (2006.01) B66F 3/06 (2006.01) F16G 13/20 (2006.01)  
[25] FR  
[54] THRUST LIFTING DEVICE  
[54] DISPOSITIF ELEVATOIRE PAR POUSSEE  
[72] SEIGNEUR, IVAN, FR  
[71] SERAPID - FRANCE, FR  
[85] 2020-03-25  
[86] 2018-10-16 (PCT/FR2018/052562)  
[87] (WO2019/077254)  
[30] FR (1759740) 2017-10-17

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  - [25] EN
  - [54] PRODUCTION METHOD FOR BACTERIAL CELLS
  - [54] PROCEDE DE PRODUCTION DE CELLULES BACTERIENNES
  - [72] MORISHITA, YASUYUKI, JP
  - [71] IDEMITSU KOSAN CO., LTD., JP
  - [85] 2020-03-25
  - [86] 2018-09-25 (PCT/JP2018/035361)
  - [87] (WO2019/059396)
  - [30] JP (2017-183587) 2017-09-25
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- [51] Int.Cl. A01N 37/06 (2006.01) A01N 37/02 (2006.01) A01N 61/00 (2006.01)
  - [25] EN
  - [54] SYNERGISTIC PESTICIDAL COMPOSITIONS AND METHODS FOR DELIVERY OF ACTIVE INGREDIENTS
  - [54] COMPOSITIONS PESTICIDES SYNERGIQUES ET PROCEDES D'ADMINISTRATION D'AGENTS ACTIFS
  - [72] MANHAS, KARAN, CA
  - [72] ROZEK, ANNELL, CA
  - [71] 0903608 B.C. LTD., CA
  - [85] 2020-03-25
  - [86] 2018-09-29 (PCT/IB2018/057598)
  - [87] (WO2019/064284)
  - [30] US (62/566,269) 2017-09-29
  - [30] US (62/580,964) 2017-11-02
  - [30] US (62/585,827) 2017-11-14
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  - [25] EN
  - [54] METHOD OF FORMING MICROIMAGE ELEMENTS
  - [54] PROCEDE DE FORMATION D'ELEMENTS DE MICRO-IMAGE
  - [72] GODFREY, JOHN, GB
  - [71] DE LA RUE INTERNATIONAL LIMITED, GB
  - [85] 2020-03-25
  - [86] 2018-09-26 (PCT/GB2018/000128)
  - [87] (WO2019/063961)
  - [30] GB (1715550.8) 2017-09-26
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  - [25] EN
  - [54] SYNERGISTIC PESTICIDAL COMPOSITIONS AND METHODS FOR DELIVERY OF ACTIVE INGREDIENTS
  - [54] COMPOSITIONS PESTICIDES SYNERGIQUES ET PROCEDES D'ADMINISTRATION DE PRINCIPES ACTIFS
  - [72] MANHAS, KARAN, CA
  - [72] ROZEK, ANNELL, CA
  - [71] 0903608 B.C. LTD., CA
  - [85] 2020-03-25
  - [86] 2018-09-29 (PCT/IB2018/057598)
  - [87] (WO2019/064284)
  - [30] US (62/566,269) 2017-09-29
  - [30] US (62/580,964) 2017-11-02
  - [30] US (62/585,827) 2017-11-14
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[13] A1

- [51] Int.Cl. A61M 13/00 (2006.01)
  - [25] EN
  - [54] INTRANASAL DELIVERY DEVICES
  - [54] DISPOSITIFS D'ADMINISTRATION INTRANASALE
  - [72] HARUTA, SHUNJI, JP
  - [71] SHIN NIPPON BIOMEDICAL LABORATORIES, LTD., JP
  - [85] 2020-03-25
  - [86] 2018-09-26 (PCT/JP2018/035560)
  - [87] (WO2019/065673)
  - [30] US (62/563,244) 2017-09-26
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- [51] Int.Cl. C23C 2/02 (2006.01) C23C 2/06 (2006.01) C23C 2/40 (2006.01) C23C 14/16 (2006.01) C23C 28/02 (2006.01) C25D 3/12 (2006.01) C25D 3/22 (2006.01)
  - [25] EN
  - [54] A METHOD FOR THE MANUFACTURE OF A COATED STEEL SHEET, TWO SPOT WELDED METAL SHEETS AND USE THEREOF
  - [54] PROCEDE DE FABRICATION D'UNE TOLE D'ACIER REVETUE, DEUX FEUILLES METALLIQUES SOUDEES PAR POINTS ET LEUR UTILISATION
  - [72] BERTHO, PASCAL, FR
  - [72] CHAKRABORTY, ANIRBAN, US
  - [72] GHASSEMI-ARMAKI, HASSAN, US
  - [72] ALLEY, CHRISTIAN, FR
  - [72] MACHADO AMORIM, TIAGO, FR
  - [72] CHALEIX, DANIEL, FR
  - [71] ARCELORMITTAL, LU
  - [85] 2020-03-25
  - [86] 2018-10-19 (PCT/IB2018/058157)
  - [87] (WO2019/082037)
  - [30] IB (PCT/IB2017/001281) 2017-10-24
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- [51] Int.Cl. A61K 45/06 (2006.01) A61K 31/137 (2006.01) A61K 31/165 (2006.01) A61K 31/352 (2006.01) A61P 25/08 (2006.01)
- [25] EN
- [54] USE OF CANNABIDIOL IN COMBINATION WITH 5-HT2B RECEPTOR AGONISTS OR AMPHETAMINS IN THE TREATMENT OF EPILEPSY
- [54] UTILISATION DE CANNABIDIOL EN COMBINAISON AVEC DES AGONISTES DU RECEPTEUR 5-HT2B OU DES AMPHETAMINES DANS LE TRAITEMENT DE L'EPILEPSIE
- [72] WHALLEY, BENJAMIN, GB
- [72] GUY, GEOFFREY, GB
- [72] KNAPPERTZ, VOLKER, GB
- [72] GRAY, ROYSTON, GB
- [72] RANA, ROHINI, GB
- [71] GW RESEARCH LIMITED, GB
- [85] 2020-03-25
- [86] 2018-10-01 (PCT/GB2018/052805)
- [87] (WO2019/064031)
- [30] GB (1715919.5) 2017-09-29
- [30] GB (1806481.6) 2018-04-20

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[13] A1

[51] Int.Cl. C07C 45/46 (2006.01) C07C 49/597 (2006.01) C07C 49/633 (2006.01) C07C 49/637 (2006.01)  
[25] EN  
[54] SYNTHESIS OF CYCLOPENTENONES WITH SULFONIC ACID REAGENTS  
[54] SYNTHESE DE CYCLOPENTENONES A L'AIDE DE REACTIFS D'ACIDE SULFONIQUE  
[72] PADILLA-ACEVEDO, ANGELA, US  
[71] UNIVATION TECHNOLOGIES, LLC, US  
[85] 2020-03-24  
[86] 2018-09-19 (PCT/US2018/051647)  
[87] (WO2019/067276)  
[30] US (62/564,329) 2017-09-28

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[13] A1

[51] Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 14/71 (2006.01) C07K 16/28 (2006.01) C12P 21/08 (2006.01)  
[25] EN  
[54] ANTI-CKAP4 MONOClonal antibody  
[54] ANTICORPS MONOClonal ANTI-CKAP4  
[72] KIKUCHI, AKIRA, JP  
[72] FUMOTO, KATSUMI, JP  
[72] KIMURA, HIROKAZU, JP  
[71] OSAKA UNIVERSITY, JP  
[85] 2020-03-25  
[86] 2018-09-26 (PCT/JP2018/035719)  
[87] (WO2019/065747)  
[30] JP (2017-185090) 2017-09-26

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[13] A1

[51] Int.Cl. C23C 2/02 (2006.01) C23C 2/06 (2006.01) C23C 2/40 (2006.01) C23C 14/00 (2006.01) C23C 14/16 (2006.01) C23C 28/02 (2006.01) C25D 1/00 (2006.01) C25D 3/12 (2006.01) C25D 3/22 (2006.01)  
[25] EN  
[54] A METHOD FOR THE MANUFACTURE OF A COATED STEEL SHEET  
[54] PROCEDE DE FABRICATION D'UNE TOLE D'ACIER REVETUE  
[72] CHAKRABORTY, ANIRBAN, US  
[72] GHASSEMI-ARMAKI, HASSAN, US  
[71] ARCELORMITTAL, LU  
[85] 2020-03-25  
[86] 2018-10-19 (PCT/IB2018/058154)  
[87] (WO2019/082035)  
[30] IB (PCT/IB2017/001282) 2017-10-24

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[21] **3,077,003**  
[13] A1

[51] Int.Cl. E01H 4/02 (2006.01) F02D 41/00 (2006.01) F02M 31/07 (2006.01) F02M 35/08 (2006.01) F02M 35/09 (2006.01) F02M 35/10 (2006.01) F02M 35/16 (2006.01)  
[25] EN  
[54] CRAWLED VEHICLE FOR THE PREPARATION OF SKI PISTES  
[54] VEHICULE A CHENILLES POUR LA PREPARATION DE PISTES DE SKI  
[72] WILLEMS, SAMUEL, AT  
[72] CASARELLI, RICHARD, IT  
[72] LENTSCH, GEORG, AT  
[72] SALIS, FRANCESCO, IT  
[71] PRINOTH S.P.A., IT  
[85] 2020-03-25  
[86] 2018-10-23 (PCT/IB2018/058232)  
[87] (WO2019/082065)  
[30] IT (102017000119992) 2017-10-23

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[13] A1

[51] Int.Cl. A61K 8/9789 (2017.01) A23L 33/105 (2016.01) A61K 36/82 (2006.01) A61Q 19/00 (2006.01) A61Q 19/08 (2006.01)  
[25] EN  
[54] ANTIOXIDIZING, ANTIAGING, OR ANTI-INFLAMMATORY COMPOSITION FOR STRENGTHENING SKIN BARRIER AND CARING FOR SKIN CELL DAMAGE CAUSED BY FINE DUST INCLUDING FERMENTED TEA EXTRACT  
[54] COMPOSITION ANTI-OXYDANTE, ANTI-VIEILLISSEMENT OU ANTI-INFLAMMATOIRE POUR RENFORCER LA BARRIERE CUTANEE ET LE SOIN DES DOMMAGES AUX CELLULES DE LA PEAU PROVOQUES PAR DES POUSSIERES FINES COMPRENANT UN EXTRAIT DE THE FERMENTE

[72] KIM, HYOUNG-JUNE, KR  
[72] HWANG, KYEONGHWAN, KR  
[72] PARK, JUN SEONG, KR  
[72] LEE, TAE RYONG, KR  
[71] AMOREPACIFIC CORPORATION, KR  
[85] 2020-03-25  
[86] 2018-08-23 (PCT/KR2018/009719)  
[87] (WO2019/066261)  
[30] KR (10-2017-0128159) 2017-09-29  
[30] KR (10-2017-0128174) 2017-09-29  
[30] KR (10-2017-0128175) 2017-09-29

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- [51] Int.Cl. C07K 16/28 (2006.01)
  - [25] EN
  - [54] ANTI-CD3 ANTIBODY AND PHARMACEUTICAL COMPOSITION FOR CANCER TREATMENT COMPRISING SAME
  - [54] ANTICORPS ANTI-CD3 ET COMPOSITION PHARMACEUTIQUE DESTINEE AU TRAITEMENT DU CANCER, CONTENANT LEDIT ANTICORPS
  - [72] KIM, KI SU, KR
  - [72] JEONG, JUN HONG, KR
  - [72] YOON, AE RIN, KR
  - [72] SONG, EUN JUNG, KR
  - [72] CHOI, HYE JI, KR
  - [72] LIM, OK JAE, KR
  - [72] LEE, YUN JUNG, KR
  - [72] LIM, HYUNG-KWON, KR
  - [72] WON, JONGHWA, KR
  - [71] GREEN CROSS CORPORATION, KR
  - [71] MOGAM INSTITUTE FOR BIOMEDICAL RESEARCH, KR
  - [85] 2020-03-25
  - [86] 2018-10-22 (PCT/KR2018/012492)
  - [87] (WO2019/078697)
  - [30] KR (10-2017-0136564) 2017-10-20
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[13] A1

- [51] Int.Cl. C07K 16/30 (2006.01)
- [25] EN
- [54] ANTI-MSLN ANTIBODY AND PHARMACEUTICAL COMPOSITION FOR CANCER TREATMENT COMPRISING SAME
- [54] ANTICORPS ANTI-MSLN ET COMPOSITION PHARMACEUTIQUE DESTINEE AU TRAITEMENT DU CANCER, CONTENANT LEDIT ANTICORPS
- [72] KIM, KI SU, KR
- [72] JEONG, JUN HONG, KR
- [72] KIM, DONG SIK, KR
- [72] LIM, YANG MI, KR
- [72] PARK, YONG YEA, KR
- [72] LIM, HYUNG KWON, KR
- [72] WON, JONG WHA, KR
- [71] GREEN CROSS CORPORATION, KR
- [71] MOGAM INSTITUTE FOR BIOMEDICAL RESEARCH, KR
- [85] 2020-03-25
- [86] 2018-10-22 (PCT/KR2018/012493)
- [87] (WO2019/078698)
- [30] KR (10-2017-0136565) 2017-10-20

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[13] A1

- [51] Int.Cl. C04B 7/345 (2006.01)
  - [25] EN
  - [54] MANUFACTURING A BINDER WITH HIGH .BETA. BELITE CONTENT
  - [54] FABRICATION D'UN LIANT AYANT UNE TENEUR ELEVEE EN .BETA. BELITE
  - [72] ITUL, ANCA, DE
  - [72] BEN HAHA, MOHSEN, DE
  - [71] HEIDELBERGCEMENT AG, DE
  - [85] 2020-03-24
  - [86] 2018-09-12 (PCT/EP2018/074603)
  - [87] (WO2019/063290)
  - [30] EP (17193149.6) 2017-09-26
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**[21] 3,077,011**

[13] A1

- [51] Int.Cl. A61K 9/16 (2006.01)
- [25] EN
- [54] METHOD FOR PREPARING MICRO-PARTICLES BY DOUBLE EMULSION TECHNIQUE
- [54] PROCEDE DE PREPARATION DE MICROPARTICULES PAR UNE TECHNIQUE DE DOUBLE EMULSION
- [72] DUWEL, ROBERTUS FRANCISCUS, NL
- [72] BLAZEJEWSKI, EMILIE JANINE MARIE, NL
- [71] NANOMI B.V., NL
- [85] 2020-03-25
- [86] 2018-09-26 (PCT/NL2018/050636)
- [87] (WO2019/066649)
- [30] NL (2019632) 2017-09-26

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[13] A1

- [51] Int.Cl. B01F 7/16 (2006.01) C22B 3/02
  - [25] EN
  - [54] SOLID-GAS-LIQUID (SGL) REACTOR FOR LEACHING POLYMETAL MINERALS AND/OR CONCENTRATES BASED ON LEAD, COPPER, ZINC, IRON AND/OR THE MIXTURES THEREOF
  - [54] REACTEUR SOLIDE-GAZ-LIQUIDE (SGL) POUR LA LIXIVIATION DE MINERAUX POLYMETALLIQUES ET/OU DE CONCENTRES A BASE DE PLOMB, DE CUIVRE, DE ZINC ET/OU DE LEURS MELANGES
  - [72] BENAVIDES PEREZ, RICARDO, MX
  - [72] ALMAGUER GUZMAN, ISAIAS, MX
  - [72] VAZQUEZ VAZQUEZ, DAVID EZEQUIEL, MX
  - [71] PENOLES TECNOLOGIA, S.A. DE C.V., MX
  - [85] 2020-03-25
  - [86] 2017-11-06 (PCT/MX2017/000125)
  - [87] (WO2019/088815)
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[13] A1

- [51] Int.Cl. G05D 1/02 (2020.01) H02J 50/10 (2016.01) B60L 53/12 (2019.01) H01F 5/00 (2006.01)
- [25] EN
- [54] SYSTEM AND METHOD FOR WIRELESSLY CHARGING A MOBILE INSPECTION ROBOT IN A POTENTIALLY EXPLOSIVE ATMOSPHERE
- [54] SYSTEME ET PROCEDE POUR CHARGER SANS FIL UN ROBOT D'INSPECTION MOBILE DANS UNE ATMOSPHERE POTENTIELLEMENT EXPLOSIVE
- [72] SCHREURS, ROELOF, NL
- [71] EXROBOTICS B.V., NL
- [85] 2020-03-25
- [86] 2018-09-28 (PCT/NL2018/050644)
- [87] (WO2019/066656)
- [30] NL (2019636) 2017-09-28

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[25] EN  
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TOY BUILDING BLOCK TO A  
SNAP-TOGETHER ELECTRONIC  
TOY  
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CONNECTER UN BLOC DE  
CONSTRUCTION DE JEU A UN  
JOUET ELECTRONIQUE A  
ENCLIQUEAGE  
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METHODS INCLUDING A SPINAL  
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[54] SYSTEMES, DISPOSITIFS ET  
PROCEDES COMPRENANT UN  
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SPINALE  
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  - [54] CAPACITE D'ETANCHEMENT AMELIOREE DE VANNE D'INJECTION DE PRODUIT CHIMIQUE
  - [72] JOERPELAND, SVEN C., NO
  - [72] STOKKELAND, KAJ, NO
  - [72] STERNAMAN, BRIAN M., US
  - [72] SALIHBEGOVIC, ZLATKO X., US
  - [71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
  - [85] 2020-03-25
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- [25] EN
- [54] TECHNIQUES FOR BEAM-BASED POWER CONTROL IN WIRELESS COMMUNICATIONS
- [54] TECHNIQUES DE COMMANDE DE PUISSANCE BASEE SUR DES FAISCEAUX, DANS DES COMMUNICATIONS SANS FIL
- [72] AKKARAKARAN, SONY, US
- [72] LUO, TAO, US
- [72] WANG, XIAO FENG, US
- [72] NAGARAJA, SUMEETH, US
- [72] CHEN, SHENGBO, US
- [72] NAM, WOOSEOK, US
- [71] QUALCOMM INCORPORATED, US
- [85] 2020-03-25
- [86] 2018-10-30 (PCT/US2018/058207)
- [87] (WO2019/089589)
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  - [54] BRICK TIE GAP CONNECTOR
  - [54] RACCORD D'ESPACE D'ATTACHE DE BRIQUE
  - [72] STAUFFER, TIMOTHY M., US
  - [72] MOCHIZUKI, GARY L., US
  - [72] PRYOR, STEVEN E., US
  - [72] ANG, BENEDICT, US
  - [71] SIMPSON STRONG-TIE COMPANY, INC., US
  - [85] 2020-03-25
  - [86] 2018-10-31 (PCT/US2018/058557)
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  - [30] US (62/579,804) 2017-10-31
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- [25] EN
- [54] A SYSTEM AND METHOD FOR PROVIDING AND ASSEMBLING AN AUTO-INJECTOR
- [54] SYSTEME ET PROCEDE DE PRODUCTION ET D'ASSEMBLAGE D'UN AUTO-INJECTEUR
- [72] STANLEY, ADAM, US
- [71] WINDGAP MEDICAL, INC., US
- [85] 2020-03-25
- [86] 2018-11-08 (PCT/US2018/059755)
- [87] (WO2019/094547)
- [30] US (62/582,969) 2017-11-08

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  - [54] WHEEL HAVING A STIFFENING RIB
  - [54] ROUE AYANT UNE NERVURE DE RAIDISSEMENT
  - [72] SKLYUT, HENRY, US
  - [72] PEER, GREGORY L., US
  - [72] CICCOLA, GABRIELE F., US
  - [72] PRASAD, SANTOSH, US
  - [72] FULTON, ERIN, US
  - [72] PACEK, MICHAEL A., US
  - [72] BURG, JAMES T., US
  - [72] DEGEORGE, GRANT, US
  - [72] ROVITO, ANTON J., US
  - [72] CARRAHER, COURTNEY, US
  - [72] AU, CHRISTOPHER A., US
  - [71] ARCONIC INC., US
  - [85] 2020-03-25
  - [86] 2018-12-17 (PCT/US2018/065904)
  - [87] (WO2019/133318)
  - [30] US (62/612,061) 2017-12-29
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- [25] EN
- [54] VOLTAGE DETECTING GLOVE
- [54] GANT DE DETECTION DE TENSION
- [72] WU, WEI, US
- [72] BLACKMAN, GREGORY SCOTT, US
- [72] METH, JEFFREY SCOTT, US
- [72] HOCKMAN, KIMBERLY K., US
- [71] DUPONT SAFETY & CONSTRUCTION, INC., US
- [85] 2020-03-26
- [86] 2018-09-11 (PCT/US2018/050379)
- [87] (WO2019/067197)
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  - [25] EN
  - [54] REGULATOR WITH CONVERTIBLE TRIM ASSEMBLY
  - [54] REGULATEUR AVEC ENSEMBLE D'ORGANES INTERNES CONVERTIBLES
  - [72] HART, JUSTIN W., US
  - [72] VASQUEZ, ERNESTO, US
  - [72] DURANT, TONY A., US
  - [71] EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC., US
  - [85] 2020-03-26
  - [86] 2018-09-18 (PCT/US2018/051478)
  - [87] (WO2019/067261)
  - [30] US (62/566,103) 2017-09-29
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- [54] DUAL COMPONENT LLDPE COPOLYMERS WITH IMPROVED IMPACT AND TEAR RESISTANCE
- [54] COPOLYMERES LLDPE A DEUX COMPOSANTES AYANT UNE RESISTANCE AMELIOREE A L'IMPACT ET A LA DECHIRURE
- [72] PRAETORIUS, JEREMY M., US
- [72] TSO, CHUNG CHING, US
- [72] YANG, QING, US
- [72] INN, YONGWOO, US
- [72] SUKHADIA, ASHISH M., US
- [72] BLAGG, JOHN T., US
- [71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
- [85] 2020-03-26
- [86] 2018-09-19 (PCT/US2018/051614)
- [87] (WO2019/067270)
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  - [25] EN
  - [54] A PROCESS FOR CONVERTING A NATURAL GAS FEEDSTOCK WITH INERT CONTENT TO CHEMICAL INTERMEDIATES
  - [54] PROCEDE DE CONVERSION D'UNE CHARGE D'ALIMENTATION DE GAZ NATUREL POURVUE D'UN CONTENU INERTE EN INTERMEDIAIRES CHIMIQUES
  - [72] RAJAGOPALAN, VIJAYANAND, IN
  - [72] BROEKHUIS, ROBERT, US
  - [72] GAUTAM, PANKAJ SINGH, US
  - [72] SARSANI, VIDYA SAGAR REDDY, US
  - [71] SABIC GLOBAL TECHNOLOGIES, B.V., NL
  - [85] 2020-03-26
  - [86] 2018-05-10 (PCT/US2018/032128)
  - [87] (WO2019/083561)
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- [25] EN
- [54] SYSTEMS, METHODS, AND APPARATUS FOR TREATMENT OF GLAUCOMA
- [54] SYSTEMES, METHODES ET APPAREILS POUR LE TRAITEMENT DU GLAUCOME
- [72] PINCHUK, LEONARD, US
- [71] INNFOCUS, INC., US
- [85] 2020-03-26
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  - [25] FR
  - [54] NEW METHOD FOR THE SYNTHESIS OF UNSYMMETRICAL TERTIARY AMINES
  - [54] NOUVEAU PROCEDE DE SYNTHESE D'AMINES TERTIAIRES DISSYMETRIQUES
  - [72] BOUR, CHRISTOPHE, FR
  - [72] VAYER, MARIE JENNY JACQUELINE, FR
  - [72] GANDON, VINCENT, FR
  - [71] UNIVERSITE PARIS-SUD, FR
  - [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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  - [86] 2018-09-28 (PCT/FR2018/052396)
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  - [30] FR (1759117) 2017-09-29
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- [25] FR
- [54] DEVICE FOR HOLDING ONE OR MORE ELECTRODES FOR ELECTRICAL DISCHARGE MACHINING, AND METHOD OF OBTAINING SAME
- [54] DISPOSITIF PORTE-ELECTRODE(S) POUR USINAGE PAR ELECTROEROSION, ET PROCEDE D'OBTENTION
- [72] DUCAS, MARTIN, FR
- [72] BECHELANY, MIRNA, FR
- [71] SAFRAN, FR
- [85] 2020-03-26
- [86] 2018-09-28 (PCT/FR2018/052397)
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- [30] FR (1759110) 2017-09-29

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[25] EN

[54] DOG CLUTCH SYSTEM FOR HOLDING THE POSITION OF A VOLUME ADJUSTMENT SCREW FOR A SAMPLING PIPETTE

[54] SYSTEME A CRABOTAGE DE MAINTIEN EN POSITION D'UNE VIS DE REGLAGE DE VOLUME POUR PIPETTE DE PRELEVEMENT

[72] MALVOISIN, HERVE, FR

[71] GILSON SAS, FR

[85] 2020-03-26

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[87] (WO2019/202245)

[30] FR (1853369) 2018-04-17

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[25] EN

[54] ERROR DETECTION DURING HYBRIDISATION OF TARGET DOUBLE-STRANDED NUCLEIC ACID

[54] DETECTION D'ERREUR PENDANT L'HYBRIDATION D'ACIDE NUCLEIQUE DOUBLE BRIN CIBLE

[72] HAYES, MATTHEW JAMES, GB

[72] SANCHES-KUIPER, RAQUEL MARIA, GB

[72] BYGRAVE, DANIEL ADRIAN, GB

[71] EVONETIX LTD, GB

[85] 2020-03-25

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[30] GB (1715852.8) 2017-09-29

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[25] EN

[54] FLUORESCENT ENVELOPED VIRAL PARTICLES AS STANDARDS FOR NANOSCALE FLOW CYTOMETRY

[54] PARTICULES VIRALES ENVELOPPEES FLUORESCENTES EN TANT QUE REFERENCES POUR LA CYTOMETRIE EN FLUX NANOMETRIQUE

[72] LANGLOIS, MARC-ANDRE, CA

[72] TANG, VERA, CA

[72] RENNER, TYLER MILSTON, CA

[71] UNIVERSITY OF OTTAWA, CA

[85] 2020-03-26

[86] 2018-04-27 (PCT/CA2018/000080)

[87] (WO2019/060980)

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[54] DISPOSITIF D'INSERTION D'UNIMPLANT CHIRURGICAL

[54] DEVICE FOR INSERTING A SURGICAL IMPLANT

[72] HAIAT, GUILLAUME, FR

[72] ROSI, GIUSEPPE, FR

[72] TIJOU, ANTOINE, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

[71] UNIVERSITE PARIS XII VAL DE MARNE, FR

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[86] 2018-09-27 (PCT/EP2018/076224)

[87] (WO2019/063673)

[30] US (1759136) 2017-09-29

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**[21] 3,077,109**

[13] A1

[51] Int.Cl. C12Q 1/18 (2006.01)

[25] EN

[54] METHODS AND SYSTEMS FOR AUTOMATED ASSESSMENT OF ANTIBIOTIC SENSITIVITY

[54] PROCEDES ET SYSTEMES POUR L'EVALUATION AUTOMATISEE DE LA SENSIBILITE VIS-A-VIS D'UN OU PLUSIEURS ANTIBIOTIQUES

[72] MARCELPOIL, RAPHAEL RODOLPHE, FR

[71] BD KIESTRA B.V., NL

[85] 2020-03-26

[86] 2018-09-27 (PCT/EP2018/076257)

[87] (WO2019/063690)

[30] US (62/564,727) 2017-09-28

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**[21] 3,077,111**

[13] A1

[51] Int.Cl. G08B 21/24 (2006.01) G06Q 10/06 (2012.01) G06Q 30/02 (2012.01) G16H 20/00 (2018.01)

[25] EN

[54] HYGIENE COMPLIANCE PROMOTING DEVICE

[54] DISPOSITIF FAVORISANT LE RESPECT DE L'HYGIENE

[72] LINDSTROM, HAKAN, SE

[71] ESSITY HYGIENE AND HEALTH AKTIEBOLAG, SE

[85] 2020-03-26

[86] 2017-09-29 (PCT/EP2017/074814)

[87] (WO2019/063092)

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**[21] 3,077,112**

[13] A1

[51] Int.Cl. A61K 31/22 (2006.01) A61K 31/19 (2006.01) A61P 3/04 (2006.01)

[25] EN

[54] METHOD OF TREATMENT

[54] METHODE DE TRAITEMENT

[72] CLARKE, KIERAN, GB

[72] STUBBS, BRIANNA, GB

[71] TDELTA'S LIMITED, GB

[85] 2020-03-26

[86] 2018-09-25 (PCT/GB2018/052717)

[87] (WO2019/063984)

[30] US (1715654.8) 2017-09-27

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<p>[21] 3,077,113 [13] A1</p> <p>[51] Int.Cl. G06F 21/10 (2013.01) G06F 21/62 (2013.01) H04L 29/06 (2006.01)</p> <p>[25] EN</p> <p>[54] ENHANCED CONTENT TRACKING SYSTEM AND METHOD</p> <p>[54] SYSTEME ET PROCEDE DE SUIVI DE CONTENU AMELIOREE</p> <p>[72] LYSKE, JOSEPH MICHAEL WILLIAM, GB</p> <p>[71] TIME MACHINE CAPITAL LIMITED, GB</p> <p>[85] 2020-03-26</p> <p>[86] 2017-12-19 (PCT/EP2017/083589)</p> <p>[87] (WO2018/114976)</p> <p>[30] GB (1621753.1) 2016-12-20</p> <p>[30] GB (1719095.0) 2017-11-17</p>
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<p>[21] 3,077,114 [13] A1</p> <p>[51] Int.Cl. A63B 71/08 (2006.01) G16H 50/00 (2018.01) A61B 5/107 (2006.01) A61C 19/04 (2006.01)</p> <p>[25] EN</p> <p>[54] PRE-IMPRINTED MOUTH GUARDS, AND SYSTEMS AND METHODS FOR RETAIL SELECTION OF SAME</p> <p>[54] PROTEGE-DENTS PRE-IMPRIMES, ET SYSTEMES ET PROCEDES DE SELECTION DE VENTE AU DETAIL DESDITS PROTEGE-DENTS</p> <p>[72] BUTLER, AIDAN, US</p> <p>[72] DOYLE, KEVIN, US</p> <p>[72] ANDARY, JOSEPH, US</p> <p>[72] POWELL, MATTHEW, CA</p> <p>[71] GUARDLAB INC., US</p> <p>[85] 2020-03-26</p> <p>[86] 2018-05-01 (PCT/CA2018/050518)</p> <p>[87] (WO2018/201247)</p> <p>[30] US (62/492,502) 2017-05-01</p> <p>[30] US (62/492,511) 2017-05-01</p> <p>[30] US (62/599,653) 2017-12-15</p>
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<p>[21] 3,077,115 [13] A1</p> <p>[51] Int.Cl. C12N 15/81 (2006.01) C12N 9/34 (2006.01) C12P 7/06 (2006.01)</p> <p>[25] EN</p> <p>[54] IMPROVED GLYCEROL FREE ETHANOL PRODUCTION</p> <p>[54] PRODUCTION AMELIOREE D'ETHANOL SANS GLYCEROL</p> <p>[72] DE BRUIJN, HANS MARINUS CHARLES JOHANNES, NL</p> <p>[72] DE WAAL, PAULUS PETRUS, NL</p> <p>[72] VUGT-VAN LUTZ, INGRID MARIA, NL</p> <p>[71] DSM IP ASSETS B.V., NL</p> <p>[85] 2020-03-26</p> <p>[86] 2018-09-25 (PCT/EP2018/075959)</p> <p>[87] (WO2019/063543)</p> <p>[30] EP (17193915.0) 2017-09-29</p> <p>[30] EP (18191191.8) 2018-08-28</p>
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<p>[21] 3,077,117 [13] A1</p> <p>[51] Int.Cl. C12Q 1/68 (2018.01)</p> <p>[25] EN</p> <p>[54] IN-PROCESS METHOD FOR GUIDING MEASURES AGAINST THE PROPAGATION OF SALMONELLA AND/OR AGAINST THE PROPAGATION OF CAMPYLOBACTER IN AN ANIMAL FLOCK</p> <p>[54] PROCEDE EN COURS DE TRAITEMENT DE GUIDAGE DE MESURES CONTRE LA PROPAGATION DE SALMONELLA ET/OU CONTRE LA PROPAGATION DE CAMPYLOBACTER DANS UN TROUPEAU D'ANIMAUX</p> <p>[72] KAPPEL, ANDREAS, DE</p> <p>[72] BOHL, FLORIAN, DE</p> <p>[72] PFEFFERLE, WALTER, DE</p> <p>[72] PELZER, STEFAN, DE</p> <p>[72] IGWE, EMEKA IGNATIUS, DE</p> <p>[72] THIEMANN, FRANK, DE</p> <p>[71] EVONIK OPERATIONS GMBH, DE</p> <p>[85] 2020-03-26</p> <p>[86] 2018-09-28 (PCT/EP2018/076393)</p> <p>[87] (WO2019/068571)</p> <p>[30] EP (PCT/EP2017/074985) 2017-10-02</p>
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<p>[21] 3,077,118 [13] A1</p> <p>[51] Int.Cl. C04B 40/02 (2006.01) B28B 11/24 (2006.01) C09K 3/10 (2006.01)</p> <p>[25] EN</p> <p>[54] DISPLACED AIR CARBONATION (DAC) PROCESS AND SYSTEM</p> <p>[54] PROCEDE ET SYSTEME DE CARBONATATION D'AIR DEPLACE (DAC)</p> <p>[72] AL-GHOULEH, ZAID, CA</p> <p>[72] HARGEST, PAUL WAYNE, CA</p> <p>[71] CARBOCLAVE CORP., CA</p> <p>[85] 2020-03-26</p> <p>[86] 2018-09-26 (PCT/CA2018/051215)</p> <p>[87] (WO2019/060992)</p> <p>[30] US (62/564,822) 2017-09-28</p>
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<p>[21] 3,077,120 [13] A1</p> <p>[51] Int.Cl. A23D 7/005 (2006.01) A23D 9/007 (2006.01) A23G 1/36 (2006.01) A23G 3/40 (2006.01) A23G 9/32 (2006.01)</p> <p>[25] EN</p> <p>[54] SPREADABLE FAT-CONTAINING FOOD PRODUCTS</p> <p>[54] PRODUITS ALIMENTAIRES A TARTINER CONTENANT DES MATIERES GRASSES</p> <p>[72] VERBEECK, SABRINA, BE</p> <p>[72] CLEENEWERCK, BERNARD, BE</p> <p>[72] VANDERLINDEN, BART, BE</p> <p>[71] FUJI OIL EUROPE, BE</p> <p>[85] 2020-03-26</p> <p>[86] 2018-09-28 (PCT/EP2018/076529)</p> <p>[87] (WO2019/063824)</p> <p>[30] BE (BE2017/5691) 2017-09-28</p>
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<p><b>[21] 3,077,122</b></p> <p>[13] A1</p> <p>[51] Int.Cl. A61B 5/1455 (2006.01) G16H 50/20 (2018.01) A61B 5/0205 (2006.01) A61B 5/083 (2006.01)</p> <p>[25] EN</p> <p>[54] ABNORMAL BLOOD OXYGENATION LEVEL MONITORING SYSTEM AND METHOD, AND SELF-MONITORING OXYGENATION SYSTEM AND METHOD</p> <p>[54] SYSTEME ET PROCEDE DE SURVEILLANCE DE NIVEAU D'OXYGENATION SANGUINE ANORMALE, ET SYSTEME ET PROCEDE D'OXYGENATION A AUTO-SURVEILLANCE</p> <p>[72] ASSOUAD, PATRICK, CA</p> <p>[71] SPECTRONIX INC., CA</p> <p>[85] 2020-03-26</p> <p>[86] 2019-05-10 (PCT/CA2019/050637)</p> <p>[87] (WO2019/213783)</p> <p>[30] US (62/670,291) 2018-05-11</p>
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<p><b>[21] 3,077,124</b></p> <p>[13] A1</p> <p>[51] Int.Cl. G08G 1/16 (2006.01) G01C 21/26 (2006.01)</p> <p>[25] EN</p> <p>[54] DRIVING ASSISTANCE METHOD AND DRIVING ASSISTANCE DEVICE</p> <p>[54] PROCEDE ET APPAREIL D'AIDE A LA CONDUITE</p> <p>[72] OKUYAMA, TAKESHI, JP</p> <p>[71] NISSAN MOTOR CO., LTD., JP</p> <p>[85] 2020-03-26</p> <p>[86] 2017-09-26 (PCT/JP2017/034781)</p> <p>[87] (WO2019/064349)</p>
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<p><b>[21] 3,077,127</b></p> <p>[13] A1</p> <p>[51] Int.Cl. B29C 33/44 (2006.01) B29C 45/44 (2006.01)</p> <p>[25] EN</p> <p>[54] MOLD DEVICE AND METHOD FOR MANUFACTURING RESIN MOLDED ARTICLE</p> <p>[54] DISPOSITIF DE MOULAGE ET PROCEDE DE FABRICATION D'UN ARTICLE MOULE EN RESINE</p> <p>[72] UCHI, TOMOYUKI, JP</p> <p>[72] MATSUSHIMA, HIROSHI, JP</p> <p>[71] HONDA MOTOR CO., LTD., JP</p> <p>[85] 2020-03-26</p> <p>[86] 2018-09-20 (PCT/JP2018/034765)</p> <p>[87] (WO2019/065433)</p> <p>[30] JP (2017-184873) 2017-09-26</p>
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<p><b>[21] 3,077,131</b></p> <p>[13] A1</p> <p>[51] Int.Cl. A63F 13/92 (2014.01) A63F 13/24 (2014.01) A63F 13/30 (2014.01) A63F 13/77 (2014.01)</p> <p>[25] EN</p> <p>[54] UNIVERSAL GAME CONTROLLER/CONSOLE</p> <p>[54] MANETTE/CONSOLE DE JEU UNIVERSELLE</p> <p>[72] WINICK, JAYME, CA</p> <p>[71] TABLET CONSOLE GAMES INC., CA</p> <p>[85] 2020-03-26</p> <p>[86] 2018-08-31 (PCT/CA2018/000161)</p> <p>[87] (WO2019/165532)</p> <p>[30] US (15/910,467) 2018-03-02</p>
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<p><b>[21] 3,077,128</b></p> <p>[13] A1</p> <p>[51] Int.Cl. G08G 1/16 (2006.01) G01C 21/26 (2006.01)</p> <p>[25] EN</p> <p>[54] DRIVING ASSISTANCE METHOD AND DRIVING ASSISTANCE DEVICE</p> <p>[54] PROCEDE ET APPAREIL D'AIDE A LA CONDUITE</p> <p>[72] OKUYAMA, TAKESHI, JP</p> <p>[72] KAKUDA, YUKI, JP</p> <p>[72] HATAYAMA, JUNICHI, JP</p> <p>[71] NISSAN MOTOR CO., LTD., JP</p> <p>[85] 2020-03-26</p> <p>[86] 2017-09-26 (PCT/JP2017/034782)</p> <p>[87] (WO2019/064350)</p>
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<p><b>[21] 3,077,130</b></p> <p>[13] A1</p> <p>[51] Int.Cl. H04W 4/06 (2009.01)</p> <p>[25] EN</p> <p>[54] CONTROL METHOD FOR DUPLICATE DATA TRANSMISSION FUNCTION, TERMINAL, AND COMPUTER STORAGE MEDIUM</p> <p>[54] PROCEDE DE COMMANDE D'UNE FONCTION DE TRANSMISSION DE DONNEES DUPLIQUEES, TERMINAL ET SUPPORT DE STOCKAGE INFORMATIQUE</p> <p>[72] TANG, HAI, CN</p> <p>[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN</p> <p>[85] 2020-03-26</p> <p>[86] 2017-09-27 (PCT/CN2017/103675)</p> <p>[87] (WO2019/061075)</p>
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[13] A1

- [51] Int.Cl. H05K 5/02 (2006.01) G02F 1/1333 (2006.01) G05B 19/042 (2006.01) H03K 17/96 (2006.01)
  - [25] EN
  - [54] LOCAL USER INTERFACE FOR EXPLOSION RESISTANT FIELD INSTRUMENTS USING CAPACITIVE TOUCH SENSING
  - [54] INTERFACE UTILISATEUR LOCALE POUR INSTRUMENTS DE SURVEILLANCE RESISTANT AUX EXPLOSIONS UTILISANT UNE DETECTION TACTILE CAPACITIVE
  - [72] NICHOLAS, DAVIN S., US
  - [72] KEMP, MATTHEW J., US
  - [72] PANTHER, MITCHELL S., US
  - [71] FISHER CONTROLS INTERNATIONAL LLC, US
  - [85] 2020-03-26
  - [86] 2018-09-20 (PCT/US2018/051844)
  - [87] (WO2019/070408)
  - [30] US (15/723,033) 2017-10-02
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[13] A1

- [51] Int.Cl. C07D 487/04 (2006.01) A61K 31/4375 (2006.01) A61K 31/4545 (2006.01) A61K 31/496 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) A61K 31/55 (2006.01) A61P 25/18 (2006.01) A61P 25/28 (2006.01)
- [25] EN
- [54] PDE9 INHIBITOR AND USE THEREOF
- [54] INHIBITEUR DE PDE9 ET SON UTILISATION
- [72] WU, FRANK, CN
- [72] LI, LIN, CN
- [72] YANG, XIAOJU, CN
- [71] NANJING TRANSTHERA BIOSCIENCES CO. LTD., CN
- [85] 2020-03-26
- [86] 2018-09-26 (PCT/CN2018/107461)
- [87] (WO2019/062733)
- [30] CN (201710900197.8) 2017-09-28
- [30] CN (201810203538.0) 2018-03-13
- [30] CN (201810871998.0) 2018-08-02

**[21] 3,077,135**  
[13] A1

- [51] Int.Cl. H04W 52/02 (2009.01)
  - [25] EN
  - [54] METHOD FOR SWITCHING BANDWIDTH PARTS, TERMINAL DEVICE, AND COMPUTER STORAGE MEDIUM
  - [54] PROCEDE PERMETTANT DE COMMUTER DES PARTIES DE BANDE PASSANTE, DISPOSITIF TERMINAL ET SUPPORT DE STOCKAGE INFORMATIQUE
  - [72] TANG, HAI, CN
  - [71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
  - [85] 2020-03-26
  - [86] 2018-09-27 (PCT/CN2018/107821)
  - [87] (WO2019/062792)
  - [30] CN (PCT/CN2017/103704) 2017-09-27
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**[21] 3,077,137**  
[13] A1

- [51] Int.Cl. G16B 5/00 (2019.01) C12Q 1/686 (2018.01) G16B 40/00 (2019.01) G16B 45/00 (2019.01) G16B 50/00 (2019.01) G06F 17/10 (2006.01) G06F 17/18 (2006.01)
- [25] EN
- [54] METHOD AND DEVICE FOR ANALYZING TARGET ANALYTE IN SAMPLE
- [54] PROCEDE ET DISPOSITIF D'ANALYSE D'ANALYTE CIBLE DANS UN ECHANTILLON
- [72] KIM, YOUNG WOOK, KR
- [72] PARK, YOUNG YONG, KR
- [72] KO, SUNG MOON, KR
- [72] LEE, YOUNG JO, KR
- [72] LEE, HAN BIT, KR
- [71] SEEGENE, INC., KR
- [85] 2020-03-26
- [86] 2018-09-28 (PCT/KR2018/011559)
- [87] (WO2019/066572)
- [30] KR (10-2017-0125908) 2017-09-28
- [30] KR (10-2017-0136772) 2017-10-20
- [30] KR (10-2017-0143792) 2017-10-31
- [30] KR (10-2017-0184510) 2017-12-29

**[21] 3,077,139**  
[13] A1

- [51] Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)
  - [25] EN
  - [54] FLUID DRAINAGE OR DELIVERY DEVICE FOR TREATMENT SITE
  - [54] DISPOSITIF DE DRAINAGE OU DE DELIVRANCE DE FLUIDE POUR SITE DE TRAITEMENT
  - [72] ASEFI, DORRIN, NZ
  - [72] CUTAJAR, SAMUEL, NZ
  - [72] JOWSEY, ALISTER TODD, NZ
  - [72] MASON, ISAAC TRISTRAM TANE, NZ
  - [72] SPEIDEN, RUSSELL LEITH, NZ
  - [72] THOMPSON-BEAN, ELLIOT GRAHAM, NZ
  - [72] WALBRAN, WILLIAM ANDREW, NZ
  - [72] WARD, BRIAN RODERICK, NZ
  - [71] AROA BIOSURGERY LIMITED, NZ
  - [85] 2020-03-26
  - [86] 2018-10-03 (PCT/NZ2018/050134)
  - [87] (WO2019/070133)
  - [30] US (62/568,914) 2017-10-06
  - [30] US (62/679,207) 2018-06-01
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[13] A1

- [51] Int.Cl. C23C 2/06 (2006.01) C23C 2/40 (2006.01)
- [25] EN
- [54] MOLTEN ZN-BASED PLATED STEEL SHEET HAVING SUPERIOR CORROSION RESISTANCE AFTER BEING COATED
- [54] TOLE D'ACIER REVETUE D'UN PLACAGE A BASE DE ZINC FONDU AYANT UNE RESISTANCE A LA CORROSION SUPERIEURE APRES AVOIR ETE REVETUE
- [72] MITSUNOBU, TAKUYA, JP
- [71] NIPPON STEEL CORPORATION, JP
- [85] 2020-03-26
- [86] 2017-12-28 (PCT/JP2017/047173)
- [87] (WO2019/130534)

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[21] **3,077,144**  
[13] A1

[51] Int.Cl. A41D 13/05 (2006.01) A41C 1/00 (2006.01) A61F 5/02 (2006.01)  
[25] EN  
[54] ASSISTIVE DEVICE FOR SUPPORTING PELVIC FLOOR MUSCLE  
[54] DISPOSITIF D'AIDE AU SOUTIEN D'UN MUSCLE DU PLANCHER PELVIEN  
[72] MITSUI, KEIKO, JP  
[71] WOMEN'S MEDICAL RESEARCH, INC., JP  
[85] 2020-03-26  
[86] 2018-09-26 (PCT/JP2018/035624)  
[87] (WO2019/065708)  
[30] JP (2017-185488) 2017-09-26

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[21] **3,077,145**  
[13] A1

[51] Int.Cl. G01S 19/03 (2010.01) G01S 5/02 (2010.01)  
[25] EN  
[54] SUPPRESSING TRANSMISSION OF DATA FROM POSITION REPORTING BEACONS USING GEOGRAPHIC LOCATION  
[54] SUPPRESSION DE TRANSMISSION DE DONNEES DEPUIS DES BALISES DE SIGNALISATION DE POSITION AU MOYEN D'UN EMPLACEMENT GEOGRAPHIQUE  
[72] WEED, MICHAEL E., US  
[72] WAGGENER, WILLIAM N. JR., US  
[71] L3 TECHNOLOGIES, INC., US  
[85] 2020-03-26  
[86] 2018-09-27 (PCT/US2018/053208)  
[87] (WO2019/067775)  
[30] US (15/719,189) 2017-09-28

[21] **3,077,149**  
[13] A1

[51] Int.Cl. A01N 43/42 (2006.01) A61K 31/473 (2006.01) C07D 455/06 (2006.01)  
[25] EN  
[54] METHODS FOR THE ADMINISTRATION OF CERTAIN VMAT2 INHIBITORS  
[54] METHODES D'ADMINISTRATION DE CERTAINS INHIBITEURS DE VMAT2  
[72] O'BRIEN, CHRISTOPHER F., US  
[72] BOZIGIAN, HAIG P., US  
[71] NEUROCRINE BIOSCIENCES, INC., US  
[85] 2020-03-26  
[86] 2017-10-10 (PCT/US2017/055947)  
[87] (WO2019/074492)

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[13] A1

[51] Int.Cl. A61M 16/10 (2006.01) A61M 16/12 (2006.01) A61M 16/16 (2006.01)  
[25] EN  
[54] SYSTEMS AND METHODS FOR HYPOXIC GAS DELIVERY FOR ALTITUDE TRAINING AND ATHLETIC CONDITIONING  
[54] SYSTEMES ET PROCEDES DE DISTRIBUTION DE GAZ HYPOXIQUE POUR L'ENTRAINEMENT EN ALTITUDE ET LE CONDITIONNEMENT ATHLETIQUE  
[72] O'DONNELL, KEVIN PETER, NZ  
[72] KAMOLINS, CHRISTOPHER CHARLES, NZ  
[72] KIRTON, ROBERT STUART, NZ  
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ  
[85] 2020-03-26  
[86] 2018-10-05 (PCT/NZ2018/050136)  
[87] (WO2019/070135)  
[30] US (62/569,147) 2017-10-06

[21] **3,077,153**  
[13] A1

[51] Int.Cl. C12N 15/113 (2010.01) A61K 48/00 (2006.01) C12N 9/22 (2006.01) C12N 15/10 (2006.01) C12N 15/86 (2006.01) C12N 15/90 (2006.01)  
[25] EN  
[54] ARTIFICIAL GENOME MANIPULATION FOR GENE EXPRESSION REGULATION  
[54] MANIPULATION ARTIFICIELLE DE GENOME POUR LA REGULATION D'EXPRESSION GENIQUE  
[72] KIM, SEOK JOONG, KR  
[72] SONG, DONG WOO, KR  
[72] LEE, JAE YOUNG, KR  
[72] LEE, JUNG MIN, KR  
[72] CHO, GYU BON, KR  
[72] BAE, HEE SOOK, KR  
[71] TOOLGEN INCORPORATED, KR  
[85] 2020-03-26  
[86] 2018-09-27 (PCT/KR2018/011424)  
[87] (WO2019/066490)  
[30] US (62/564,478) 2017-09-28  
[30] US (62/565,868) 2017-09-29

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[21] **3,077,156**  
[13] A1

[51] Int.Cl. B65B 35/44 (2006.01) B26D 3/16 (2006.01) B26D 7/06 (2006.01) B65G 19/02 (2006.01) B26D 1/16 (2006.01)  
[25] EN  
[54] TISSUE LOG SAW CONVEYOR WITH INDEPENDENT LANE CONTROL CUTTING AND VARIABLE CONVEYOR FLIGHT LENGTH  
[54] TRANSPORTEUR A SCIE A ROULEAUX DE TISSU AVEC COUPE A COMMANDE DE PISTE INDEPENDANTE ET A LONGUEUR D'ETENDUE DE TRANSPORTEUR VARIABLE  
[72] CHIKE, MATTHEW J., US  
[72] GUSSERT, CORY P., US  
[71] PAPER CONVERTING MACHINE COMPANY, US  
[85] 2020-03-26  
[86] 2018-03-16 (PCT/US2018/022914)  
[87] (WO2019/074539)  
[30] US (62/570,881) 2017-10-11  
[30] US (15/919,424) 2018-03-13

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**[21] 3,077,157**

[13] A1

- [51] Int.Cl. A61F 13/02 (2006.01) A61F 13/00 (2006.01) A61L 15/40 (2006.01) A61M 35/00 (2006.01)
  - [25] EN
  - [54] WOUND DRESSING DEVICE, ASSEMBLY AND METHOD
  - [54] DISPOSITIF, ENSEMBLE ET METHODE DE PANSEMENT
  - [72] KUSHNIR, ALON, IL
  - [72] KUSHNIR, IGAL, IL
  - [71] REDDRESS LTD., IL
  - [85] 2020-03-23
  - [86] 2018-09-17 (PCT/IL2018/051049)
  - [87] (WO2019/058373)
  - [30] IL (254644) 2017-09-24
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**[21] 3,077,158**

[13] A1

- [51] Int.Cl. A01N 1/02 (2006.01)
  - [25] EN
  - [54] MOBILE CART FOR AN ORGAN CONTAINER
  - [54] CHARIOT MOBILE POUR UN RECIPIENT D'ORGANE
  - [72] PETTINATO, DAVID, US
  - [72] STEINMAN, CHRISTOPHER P., US
  - [72] WU, ALAN K., US
  - [71] LIFELINE SCIENTIFIC, INC., US
  - [85] 2020-03-26
  - [86] 2018-08-23 (PCT/US2018/047726)
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- [25] EN
- [54] FACTOR VIII OR FACTOR IX GENE KNOCKOUT RABBIT, METHOD FOR PREPARING SAME AND USE THEREOF
- [54] LAPIN A INACTIVATION GENIQUE DU FACTEUR VIII OU DU FACTEUR IX, PROCEDE POUR SA PREPARATION ET UTILISATION CORRESPONDANTE

[72] KIM, SO RA, KR  
 [72] JUNG, MYUNG EUN, KR  
 [72] KIM, MIN JUNG, KR  
 [72] JO, SEUNG HYUN, KR  
 [72] HWANG, SUNG HO, KR  
 [72] KWAK, HEE CHUN, KR  
 [72] LEE, SU MIN, KR  
 [72] NAM, HYUN JA, KR  
 [71] GREEN CROSS CORPORATION, KR  
 [71] MOGAM INSTITUTE FOR BIOMEDICAL RESEARCH, KR  
 [85] 2020-03-26  
 [86] 2018-09-20 (PCT/KR2018/011118)  
 [87] (WO2019/066378)  
 [30] KR (10-2017-0126068) 2017-09-28

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- [25] EN
- [54] TREATMENT FOR THERAPY REFRACTORY DEPRESSION
- [54] TRAITEMENT CONTRE LA DEPRESSION REFRACTAIRE AUX AUTRES THERAPIES
- [72] MURCK, HARALD, US
- [71] MURCK, HARALD, US
- [85] 2020-03-26
- [86] 2018-09-20 (PCT/US2018/052059)
- [87] (WO2019/070417)
- [30] US (62/568,001) 2017-10-04
- [30] US (16/129,020) 2018-09-12

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  - [25] EN
  - [54] REMOTE SPA CONTROL SYSTEM
  - [54] SYSTEME DISTANT DE COMMANDE DE SPA
  - [72] OVALLE, LARRY R., US
  - [71] SUNDANCE SPAS, INC., US
  - [85] 2020-03-26
  - [86] 2018-10-03 (PCT/US2018/054139)
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  - [30] US (62/567,908) 2017-10-04
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  - [54] PET WATER STATION
  - [54] INSTALLATION D'EAU POUR ANIMAUX DE COMPAGNIE
  - [72] MACNEIL, DAVID F., US
  - [72] MASANEK, FREDERICK W., JR., US
  - [71] MACNEIL IP LLC, US
  - [85] 2020-03-26
  - [86] 2018-09-21 (PCT/US2018/052206)
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- [25] EN
- [54] REPLACEABLE VALVE PLUG TIP
- [54] POINTE D'OBTURATEUR DE SOUPAPE REMPLACABLE
- [72] RICHARDSON, JONATHAN W., US
- [71] FISHER CONTROLS INTERNATIONAL LLC, US
- [85] 2020-03-26
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<p style="text-align: right;"><b>[21] 3,077,168</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A45C 13/02 (2006.01) B65D 25/06 (2006.01) B65D 81/18 (2006.01) B65D 81/38 (2006.01) F25D 3/06 (2006.01)</p> <p>[25] EN</p> <p>[54] FOOD STORAGE CONTAINER</p> <p>[54] RECIPIENT DE STOCKAGE D'ALIMENTS</p> <p>[72] KIELING, MELISSA, US</p> <p>[72] COLCHIE, KATE, US</p> <p>[72] HERBST, SCOT, US</p> <p>[72] HUNTER, WILL, US</p> <p>[72] KELLY, EAMONN, US</p> <p>[72] ECARMA, ROLAND, US</p> <p>[71] PACKIT, LLC, US</p> <p>[85] 2020-03-26</p> <p>[86] 2018-09-28 (PCT/US2018/053501)</p> <p>[87] (WO2019/067946)</p> <p>[30] US (62/566,127) 2017-09-29</p>
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<p style="text-align: right;"><b>[21] 3,077,171</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C07K 16/28 (2006.01) C12N 5/0783 (2010.01) A61K 39/395 (2006.01) C07K 14/725 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS AND COMPOSITIONS RELATING TO ENGINEERED REGULATORY T CELLS</p> <p>[54] PROCEDES ET COMPOSITIONS EN RAPPORT AVEC DES LYMPHOCYTES T REGULATEURS GENETIQUEMENT MODIFIES</p> <p>[72] MAUS, MARCELA V., US</p> <p>[72] BOROUGHHS, ANGELA, US</p> <p>[71] THE GENERAL HOSPITAL CORPORATION, US</p> <p>[85] 2020-03-26</p> <p>[86] 2018-10-03 (PCT/US2018/054180)</p> <p>[87] (WO2019/079034)</p> <p>[30] US (62/573,242) 2017-10-17</p>
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<p style="text-align: right;"><b>[21] 3,077,173</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H02B 1/46 (2006.01) H01R 25/14 (2006.01) H02G 5/08 (2006.01)</p> <p>[25] EN</p> <p>[54] UNIVERSAL TAP-OFF BOX</p> <p>[54] BOITE DE DERIVATION UNIVERSELLE</p> <p>[72] JAENA, MARIO L., US</p> <p>[72] SHIMABUKURO, YASUSHI RICHARD, US</p> <p>[71] POWER DISTRIBUTION, INC., US</p> <p>[85] 2020-03-26</p> <p>[86] 2018-10-09 (PCT/US2018/054956)</p> <p>[87] (WO2019/071266)</p> <p>[30] US (62/568,902) 2017-10-06</p>
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<p style="text-align: right;"><b>[21] 3,077,176</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. F21V 7/10 (2006.01) F21V 17/04 (2006.01)</p> <p>[25] EN</p> <p>[54] DIFFUSER WITH UPLIGHT</p> <p>[54] DIFFUSEUR DOTE D'UN ECLAIRAGE VERS LE HAUT</p> <p>[72] ZHANG, YINAN, US</p> <p>[72] ACACIA, SAM, US</p> <p>[72] SHAstry, CHAKRAKODI VISHNU, US</p> <p>[71] DIALIGHT CORPORATION, US</p> <p>[85] 2020-03-26</p> <p>[86] 2018-09-25 (PCT/US2018/052593)</p> <p>[87] (WO2019/067417)</p> <p>[30] US (15/715,406) 2017-09-26</p>
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<p style="text-align: right;"><b>[21] 3,077,174</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C12N 15/10 (2006.01) C12Q 1/6809 (2018.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C07K 14/725 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01)</p> <p>[25] EN</p> <p>[54] A UNIVERSAL PLATFORM FOR PREPARING AN INHIBITORY CHIMERIC ANTIGEN RECEPTOR (ICAR)</p> <p>[54] PLATE-FORME UNIVERSELLE POUR PREPARER UN RECEPTEUR D'ANTIGENE CHIMERIQUE INHIBITEUR (ICAR)</p> <p>[72] GROSS, GIDEON, IL</p> <p>[72] GIBSON, WILL, IL</p> <p>[72] DAHARY, DVIR, IL</p> <p>[72] BEIMAN, MERAV, IL</p> <p>[71] IMMPACT-BIO LTD., IL</p> <p>[71] GAVISH-GALILEE BIO APPLICATIONS LTD., IL</p> <p>[85] 2020-03-26</p> <p>[86] 2018-09-28 (PCT/US2018/053583)</p> <p>[87] (WO2019/068007)</p> <p>[30] US (62/564,454) 2017-09-28</p> <p>[30] US (62/649,429) 2018-03-28</p>
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<p style="text-align: right;"><b>[21] 3,077,177</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C09K 3/00 (2006.01)</p> <p>[25] EN</p> <p>[54] ONE-PACK POLYMER MODIFIERS</p> <p>[54] AGENTS DE MODIFICATION POLYMER EN CONTENANT UNIQUE</p> <p>[72] YOCCA, KEVIN R., US</p> <p>[72] LEFEBVRE, AMY A., US</p> <p>[72] LYONS, JASON M., US</p> <p>[71] ARKEMA INC., US</p> <p>[85] 2020-03-26</p> <p>[86] 2018-09-25 (PCT/US2018/052624)</p> <p>[87] (WO2019/067438)</p> <p>[30] US (62/563,841) 2017-09-27</p>
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- [25] EN
- [54] APPARATUS AND METHODS FOR IMPROVED SUBSURFACE DATA PROCESSING SYSTEMS
- [54] APPAREIL ET PROCEDES POUR SYSTEMES DE TRAITEMENT DE DONNEES SOUTERRAINES AMELIOREES
- [72] JAIN, VIKAS, US
- [72] WU, PO-YEN, US
- [72] ABUBAKAR, ARIA, US
- [72] MENON, SHASHI, US
- [71] SCHLUMBERGER CANADA LIMITED, CA
- [85] 2020-03-26
- [86] 2018-09-26 (PCT/US2018/052953)
- [87] (WO2019/067614)
- [30] US (62/563,571) 2017-09-26

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[13] A1

- [51] Int.Cl. C07K 14/00 (2006.01) A01N 63/00 (2020.01) C12N 15/63 (2006.01)
- [25] EN
- [54] CHIMERIC INSECTICIDAL PROTEINS
- [54] PROTEINES INSECTICIDES CHIMERES
- [72] ZACK, MARC D., US
- [72] SOPKO, MEGAN, US
- [72] HASLER, JAMES M., US
- [71] DOW AGROSCIENCES LLC, US
- [85] 2020-03-26
- [86] 2018-09-26 (PCT/US2018/052788)
- [87] (WO2019/067496)
- [30] US (62/563,228) 2017-09-26

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[13] A1

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- [25] EN
- [54] TECHNIQUES FOR DETECTING ACCESS RECIRCULATION
- [54] TECHNIQUES DE DETECTION D'UNE RECIRCULATION D'ACCES
- [72] MAHESHWARI, VAIBHAV, US
- [72] KOTANKO, PETER, US
- [72] THIJSSEN, STEPHAN, US
- [71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
- [85] 2020-03-26
- [86] 2018-10-16 (PCT/US2018/056139)
- [87] (WO2019/079340)
- [30] US (62/573,583) 2017-10-17

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[13] A1

- [51] Int.Cl. E21B 10/42 (2006.01) E21B 10/54 (2006.01)
- [25] EN
- [54] EARTH-BORING TOOLS AND RELATED METHODS
- [54] OUTILS DE FORAGE DU SOL ET PROCEDES ASSOCIES
- [72] RUSSELL, STEVEN CRAIG, US
- [72] EVANS, KENNETH R., US
- [72] MATTHEWS, OLIVER III, US
- [71] BAKER HUGHES, A GE COMPANY, LLC, US
- [85] 2020-03-26
- [86] 2018-10-02 (PCT/US2018/054002)
- [87] (WO2019/070762)
- [30] US (15/725,097) 2017-10-04

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[13] A1

- [51] Int.Cl. C12N 5/0783 (2010.01) C07K 14/705 (2006.01) C07K 14/725 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)
- [25] EN
- [54] PD1-SPECIFIC CHIMERIC ANTIGEN RECEPTOR AS AN IMMUNOTHERAPY
- [54] RECEPTEUR D'ANTIGENE CHIMERIQUE SPECIFIQUE A PD-1 EN TANT QU'IMMUNOTHERAPIE
- [72] BARBER, AMORETTE, US
- [71] LONGWOOD UNIVERSITY, US
- [85] 2020-03-26
- [86] 2018-09-26 (PCT/US2018/052799)
- [87] (WO2019/067504)
- [30] US (62/563,336) 2017-09-26

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[13] A1

- [51] Int.Cl. B32B 27/08 (2006.01) B32B 27/30 (2006.01) B32B 37/14 (2006.01)
- [25] EN
- [54] MULTILAYER POLYMERIC STRUCTURES
- [54] STRUCTURES POLYMERES MULTICOUCHES
- [72] CALVIN, MARY K., US
- [72] BARSOTTI, ROBERT J., US
- [72] LACOCK, STEVEN, US
- [71] ARKEMA FRANCE, FR
- [85] 2020-03-26
- [86] 2018-09-27 (PCT/US2018/053008)
- [87] (WO2019/067654)
- [30] US (62/563,890) 2017-09-27

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[13] A1

- [51] Int.Cl. C12N 15/113 (2010.01) C12N 15/85 (2006.01) C12N 15/90 (2006.01)
- [25] EN
- [54] MODIFIED CPF1 GUIDE RNA
- [54] ARN GUIDE CPF1 MODIFIE
- [72] LEE, KUNWOO, US
- [71] GENEDIT INC., US
- [85] 2020-03-26
- [86] 2018-10-02 (PCT/US2018/054027)
- [87] (WO2019/070762)
- [30] US (62/567,123) 2017-10-02
- [30] US (62/617,138) 2018-01-12
- [30] US (62/697,327) 2018-07-12

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[13] A1

[51] Int.Cl. A61K 31/498 (2006.01) A61K 31/4174 (2006.01) A61K 31/4184 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01) A61P 25/32 (2006.01) C07D 241/42 (2006.01) C07D 241/44 (2006.01) C07D 401/04 (2006.01) C07D 403/12 (2006.01) C07D 409/04 (2006.01) C07D 409/14 (2006.01)

[25] EN

[54] COMPOSITIONS AND METHODS FOR INHIBITING ACSS2

[54] COMPOSITIONS ET METHODES POUR INHIBER ACSS2

[72] MEWS, PHILIPP, US

[72] BERGER, SHELLEY L., US

[72] WINKLER, JEFFREY D., US

[72] GLASS, ANDREW, US

[72] BAUGH, SIMON DAVID PETER, US

[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US

[85] 2020-03-26

[86] 2018-09-26 (PCT/US2018/052839)

[87] (WO2019/067528)

[30] US (62/563,148) 2017-09-26

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[21] **3,077,193**  
[13] A1

[51] Int.Cl. H04J 3/14 (2006.01)

[25] EN

[54] METHODS AND SYSTEMS FOR IMPROVED COMMUNICATION IN MULTI-HOP NETWORKS

[54] PROCEDES ET SYSTEMES POUR UNE COMMUNICATION AMELIOREE DANS DES RESEAUX A SAUTS MULTIPLES

[72] JOHNSON, MARK, US

[72] LY, PETER, US

[71] TRELLISWARE TECHNOLOGIES, INC., US

[85] 2020-03-26

[86] 2018-09-26 (PCT/US2018/052956)

[87] (WO2019/067617)

[30] US (15/717,475) 2017-09-27

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[21] **3,077,194**  
[13] A1

[51] Int.Cl. H05K 7/20 (2006.01)

[25] EN

[54] ELECTRONICS HOUSING WITH HEAT SINK

[54] BOITIER ELECTRONIQUE AVEC DISSIPATEUR THERMIQUE

[72] TOROK, PETER Z., US

[71] PARKER-HANNIFIN CORPORATION, US

[85] 2020-03-26

[86] 2018-10-03 (PCT/US2018/054113)

[87] (WO2019/070815)

[30] US (62/567,827) 2017-10-04

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[21] **3,077,200**  
[13] A1

[51] Int.Cl. B01L 3/00 (2006.01) G01N 30/72 (2006.01) G01N 30/86 (2006.01) G01N 33/48 (2006.01) G06F 17/18 (2006.01) G06N 5/02 (2006.01)

[25] EN

[54] A STREAMLINED METHOD FOR ANALYTICAL VALIDATION OF BIOCHEMICALS DETECTED USING AN UNTARGETED MASS-SPECTROMETRY PLATFORM

[54] PROCEDE SIMPLIFIE DE VALIDATION ANALYTIQUE DE PRODUITS BIOCHIMIQUES DETECTES A L'AIDE D'UNE PLATE-FORME DE SPECTROMETRIE DE MASSE NON CIBLEE

[72] KENNEDY, ADAM, US

[71] METABOLON, INC., US

[85] 2020-03-26

[86] 2018-10-04 (PCT/US2018/054363)

[87] (WO2019/074757)

[30] US (62/570,308) 2017-10-10

[30] US (62/596,242) 2017-12-08

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[13] A1

[51] Int.Cl. C12N 15/63 (2006.01) C12N 15/11 (2006.01) C12Q 1/04 (2006.01) C12Q 1/68 (2018.01)

[25] EN

[54] METHODS, DEVICES, AND COMPUTER PROGRAM PRODUCTS FOR YEAST PERFORMANCE MONITORING IN FERMENTATION SYSTEMS

[54] PROCEDES, DISPOSITIFS ET PRODUITS DE PROGRAMMES INFORMATIQUES POUR LA SURVEILLANCE DE PERFORMANCE DE LEVURE DANS DES SYSTEMES DE FERMENTATION

[72] LEMAN, ADAM R., US

[72] HAASE, STEVEN B., US

[72] MORRIS, DAVID S., US

[72] VALENTE, ASHLEE M., US

[71] PRECISION FERMENTATION, INC., US

[85] 2020-03-26

[86] 2018-09-26 (PCT/US2018/052881)

[87] (WO2019/067558)

[30] US (62/564,816) 2017-09-28

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  - [25] EN
  - [54] METHODS FOR INTERNET COMMUNICATION SECURITY
  - [54] PROCEDES DE SECURITE DE COMMUNICATION INTERNET
  - [72] CLARK, MIKE, US
  - [72] GORDON, ANDREW, US
  - [72] CLARK, MATT, US
  - [71] STEALTHPATH, INC., US
  - [85] 2020-03-26
  - [86] 2018-10-05 (PCT/US2018/054609)
  - [87] (WO2019/071126)
  - [30] US (62/569,300) 2017-10-06
  - [30] US (62/609,152) 2017-12-21
  - [30] US (62/609,252) 2017-12-21
  - [30] US (62/655,633) 2018-04-10
  - [30] US (15/949,749) 2018-04-10
  - [30] US (62/731,529) 2018-09-14
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[13] A1

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  - [25] EN
  - [54] SYSTEMS AND METHODS FOR BEACON DETECTION INFRASTRUCTURES
  - [54] SYSTEMES ET PROCEDES POUR INFRASTRUCTURES DE DETECTION DE BALISE
  - [72] SMYTH, PETER PAUL, US
  - [72] CHENG, LIN, US
  - [72] O'CONNOR, JIM, US
  - [72] WINKELMAN, ERIC, US
  - [72] WILLIAMS, THOMAS H., US
  - [72] HAMZEH, BELAL, US
  - [72] ARENDT, STEVE, US
  - [71] CABLE TELEVISION LABORATORIES, INC., US
  - [85] 2020-03-26
  - [86] 2018-09-26 (PCT/US2018/052936)
  - [87] (WO2019/067601)
  - [30] US (62/563,185) 2017-09-26
  - [30] US (62/564,115) 2017-09-27
  - [30] US (15/809,658) 2017-11-10
  - [30] US (62/609,071) 2017-12-21
  - [30] US (62/617,882) 2018-01-16
  - [30] US (62/621,354) 2018-01-24
  - [30] US (62/621,673) 2018-01-25
  - [30] US (62/623,923) 2018-01-30
  - [30] US (62/682,306) 2018-06-08
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  - [25] EN
  - [54] AUTOMOTIVE PAINT REMOVER COMPOSITION AND METHOD OF MAKING
  - [54] COMPOSITION DE DECAPANT DE PEINTURE AUTOMOBILE ET SON PROCEDE DE PREPARATION
  - [72] HAWES, CHARLES L., US
  - [72] TEAGUE, TIM, US
  - [71] W.M. BARR & COMPANY, INC., US
  - [85] 2020-03-26
  - [86] 2018-10-09 (PCT/US2018/054921)
  - [87] (WO2019/074872)
  - [30] US (62/569,730) 2017-10-09
  - [30] US (16/154,032) 2018-10-08
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**[21] 3,077,208**

[13] A1

- [51] Int.Cl. H04J 11/00 (2006.01) H04J 3/00 (2006.01)
- [25] EN
- [54] TIME-DIVISION MULTIPLE ACCESS WITH OVERLAPPED PREAMBLE
- [54] ACCES MULTIPLE PAR REPARTITION DANS LE TEMPS AVEC UN PREAMBULE EN CHEVAUCHEMENT
- [72] LEE, LIN-NAN, US
- [72] CHEN, LIPING, US
- [71] HUGHES NETWORK SYSTEMS, LLC, US
- [85] 2020-03-24
- [86] 2018-09-21 (PCT/US2018/052250)
- [87] (WO2019/067325)
- [30] US (15/720,124) 2017-09-29

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[13] A1

- [51] Int.Cl. B32B 13/12 (2006.01) B32B 3/26 (2006.01) B32B 5/14 (2006.01) B32B 13/04 (2006.01) B32B 27/18 (2006.01)
  - [25] EN
  - [54] PLASTER BOARDS HAVING INTERNAL LAYERS AND METHODS FOR MAKING THEM
  - [54] PLAQUES DE PLATRE AYANT DES COUCHES INTERNES ET LEURS PROCEDES DE FABRICATION
  - [72] DIMITRAKOPOULOS, JAMES, US
  - [72] INFANTE, VINCENT, US
  - [72] BRIDENSTINE, JOHN, US
  - [72] PUGH, DAVID WILLIAM, US
  - [72] HAGELGANS, DAVID, US
  - [72] WANG, YING, US
  - [72] XU, XUEJUAN, US
  - [71] CERTAINTEED GYPSUM, INC., US
  - [85] 2020-03-26
  - [86] 2018-09-26 (PCT/US2018/052943)
  - [87] (WO2019/067607)
  - [30] US (62/563,118) 2017-09-26
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**[21] 3,077,211**

[13] A1

- [51] Int.Cl. C12Q 1/68 (2018.01) G01N 33/554 (2006.01) G01N 33/569 (2006.01)
- [25] EN
- [54] HUMAN WASTE WATER AND HUMAN-DERIVED PATHOGEN SCOUTING TOOL
- [54] OUTIL DE DEPISTAGE D'AGENTS PATHOGENES DERIVES DE L'HOMME ET D'EAUX USEES HUMAINES
- [72] TURBE, MARY M., US
- [72] CAHOON, LAWRENCE B., US
- [71] UNIVERSITY OF NORTH CAROLINA WILMINGTON, US
- [85] 2020-03-26
- [86] 2018-09-27 (PCT/US2018/053014)
- [87] (WO2019/067660)
- [30] US (62/563,680) 2017-09-27

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**[21] 3,077,212**  
[13] A1

[51] Int.Cl. C08K 5/09 (2006.01)  
[25] EN  
[54] COLORED OXYGEN SCAVENGING COMPOSITIONS REQUIRING NO INDUCTION PERIOD  
[54] COMPOSITIONS DE DESOXYGENATION COLOREES NE NECESSITANT PAS DE PERIODE D'INDUCTION  
[72] AKKAPEDDI, MURALIK., US  
[72] LYNCH, BRIAN A., US  
[71] GRAHAM PACKAGING COMPANY, L.P., US  
[85] 2020-03-26  
[86] 2018-10-09 (PCT/US2018/055012)  
[87] (WO2019/074924)  
[30] US (15/782,561) 2017-10-12

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**[21] 3,077,213**  
[13] A1

[51] Int.Cl. A61K 31/713 (2006.01) C12N 15/113 (2010.01) C07K 16/28 (2006.01)  
[25] EN  
[54] NUCLEIC ACID-POLYPEPTIDE COMPOSITIONS AND USES THEREOF  
[54] COMPOSITIONS D'ACIDE NUCLEIQUE-POLYPEPTIDE ET UTILISATIONS DE CELLES-CI  
[72] GEALL, ANDREW JOHN, US  
[72] DOPPALAPUDI, VENKATA RAMANA, US  
[72] ARIAS, JOEL DANIEL, US  
[72] CHU, DAVID SAI-HO, US  
[72] COCHRAN, MICHAEL CARAMIAN, US  
[72] BURKE, ROB, US  
[72] KOVACH, PHILIP, US  
[72] MALECובה, BARBORA, US  
[71] AVIDITY BIOSCIENCES, INC., US  
[85] 2020-03-26  
[86] 2018-10-04 (PCT/US2018/054444)  
[87] (WO2019/071028)  
[30] US (62/568,238) 2017-10-04

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**[21] 3,077,215**  
[13] A1

[51] Int.Cl. A61K 38/16 (2006.01) C12N 5/07 (2010.01) C12N 5/0787 (2010.01) A61K 38/22 (2006.01) A61K 38/27 (2006.01) A61P 11/16 (2006.01) C07K 14/47 (2006.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01)  
[25] EN  
[54] PORCINE G-CSF VARIANTS AND THEIR USES  
[54] VARIANTS DU G-CSF PORCINS ET LEURS UTILISATIONS  
[72] CANNING, PETER CONNOR, US  
[72] KNUDSEN, NICKOLAS, US  
[72] RASHID, MD HARUNUR, US  
[71] ELANCO US INC., US  
[71] AMBRX, INC., US  
[85] 2020-03-26  
[86] 2018-10-10 (PCT/US2018/055203)  
[87] (WO2019/075053)  
[30] US (62/570,877) 2017-10-11

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**[21] 3,077,218**  
[13] A1

[51] Int.Cl. F16K 1/226 (2006.01) F16J 15/00 (2006.01) F16J 15/06 (2006.01) F16K 27/02 (2006.01)  
[25] EN  
[54] IN SITU GASKET ASSEMBLY  
[54] ASSEMBLAGE DE JOINT D'ETANCHEITE IN SITU  
[72] MATTHEWS, III, KENNETH HEIDT, US  
[72] SWICEGOOD, KEVIN LEWIS, US  
[71] EMERSON AUTOMATION SOLUTIONS FINAL CONTROL US LP, US  
[85] 2020-03-26  
[86] 2018-09-27 (PCT/US2018/053132)  
[87] (WO2019/067725)  
[30] US (15/719,273) 2017-09-28

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**[21] 3,077,219**  
[13] A1

[51] Int.Cl. H03K 19/195 (2006.01) H03K 19/20 (2006.01)  
[25] EN  
[54] JOSEPHSON AND/OR GATE  
[54] JOSEPHSON ET/OU PORTE  
[72] BRAUN, ALEXANDER LOUIS, US  
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US  
[85] 2020-03-26  
[86] 2018-10-17 (PCT/US2018/056316)  
[87] (WO2019/094162)  
[30] US (15/811,000) 2017-11-13

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**[21] 3,077,221**  
[13] A1

[51] Int.Cl. G16B 20/00 (2019.01) G16H 50/20 (2018.01) G16H 50/30 (2018.01) G16B 40/00 (2019.01)  
[25] EN  
[54] CANCER SCORE FOR ASSESSMENT AND RESPONSE PREDICTION FROM BIOLOGICAL FLUIDS  
[54] SCORE DE CANCER POUR L'EVALUATION ET LA PREVISION DE REPONSE A PARTIR DE FLUIDES BIOLOGIQUES  
[72] RABIZADEH, SHAHROOZ, US  
[72] SOON-SHIONG, PATRICK, US  
[71] NANTOMICS, LLC, US  
[85] 2020-03-26  
[86] 2018-10-11 (PCT/US2018/055481)  
[87] (WO2019/075251)  
[30] US (62/571,414) 2017-10-12

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[13] A1

[25] EN  
**[54] LINING FOR ITEMS OF CLOTHING, FOOTWEAR OR ACCESSORIES**  
**[54] DOUBLURE POUR PIECES DE VETEMENT, ARTICLES CHAUSSANTS OU ACCESSOIRES**  
 [72] POLEGATO MORETTI, MARIO, IT  
 [72] POLONI, LIVIO, IT  
 [72] BRUNO, MARCO, IT  
 [71] GEOX S.P.A., IT  
 [85] 2020-03-27  
 [86] 2018-09-21 (PCT/EP2018/075567)  
 [87] (WO2019/063426)  
 [30] IT (102017000107834) 2017-09-27

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[21] **3,077,223**  
[13] A1

[51] Int.Cl. C07K 19/00 (2006.01) A61K 38/16 (2006.01) A61P 35/00 (2006.01) C07K 14/715 (2006.01)  
 [25] EN  
**[54] IMMUNOMODULATORY FUSION PROTEINS**  
**[54] PROTEINES DE FUSION IMMUNOMODULATRICES**  
 [72] LARSON, CHRISTOPHER, US  
 [72] REID, TONY R., US  
 [72] ORONSKY, BRYAN T., US  
 [71] EPICENTRX, INC., US  
 [85] 2020-03-26  
 [86] 2018-09-27 (PCT/US2018/053197)  
 [87] (WO2019/067770)  
 [30] US (62/564,145) 2017-09-27

[21] **3,077,224**  
[13] A1

[51] Int.Cl. A61K 31/519 (2006.01) A61K 9/00 (2006.01) A61P 25/18 (2006.01)  
 [25] EN  
**[54] DOSAGE REGIMEN OF PALIPERIDONE PALMITATE EXTENDED-RELEASE INJECTABLE SUSPENSION**  
**[54] SCHEMA POSOLOGIQUE D'UNE SUSPENSION INJECTABLE A LIBERATION PROLONGEE DE PALMITATE DE PALIPERIDONE**  
 [72] LI, YOUNG, CN  
 [72] SHA, CHUNJIE, CN  
 [72] ZHAO, FENGJUAN, CN  
 [72] TU, CHANGBING, CN  
 [72] SUN, KAOXIANG, CN  
 [72] LIU, WANHUI, CN  
 [72] SUN, LIFANG, CN  
 [72] MENG, YING, CN  
 [71] SHANDONG LUYE PHARMACEUTICAL CO., LTD., CN  
 [85] 2020-03-26  
 [86] 2018-10-26 (PCT/US2018/057858)  
 [87] (WO2019/084501)  
 [30] US (62/578,082) 2017-10-27  
 [30] US (62/647,333) 2018-03-23

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[21] **3,077,227**  
[13] A1

[51] Int.Cl. G01M 3/04 (2006.01) G01M 3/24 (2006.01)  
 [25] EN  
**[54] FREQUENCY SUB-BAND LEAK DETECTION**  
**[54] DETECTION DE FUITE DE SOUS-BANDE DE FREQUENCE**  
 [72] BURTEA, VALENTIN MIRCEA, CA  
 [71] MUELLER INTERNATIONAL, LLC, US  
 [85] 2020-03-26  
 [86] 2018-10-16 (PCT/US2018/055976)  
 [87] (WO2019/083768)  
 [30] US (15/796,108) 2017-10-27

[21] **3,077,228**  
[13] A1

[51] Int.Cl. G06T 7/55 (2017.01)  
 [25] FR  
**[54] RADIOGRAPHIC IMAGING METHOD, RADIOGRAPHIC IMAGE PROCESSING DEVICE, AND RADIOGRAPHIC IMAGING DEVICE**  
**[54] PROCEDE D'IMAGERIE RADIOGRAPHIQUE, DISPOSITIF DE TRAITEMENT D'IMAGE RADIOGRAPHIQUE ET DISPOSITIF D'IMAGERIE RADIOGRAPHIQUE**  
 [72] COLOBERT, BRIAC, FR  
 [72] GESBERT, JEAN-CHARLES, FR  
 [72] CARRE, VINCENT, FR  
 [71] PROTEOR, FR  
 [85] 2020-03-27  
 [86] 2018-10-01 (PCT/FR2018/052406)  
 [87] (WO2019/069001)  
 [30] FR (1759209) 2017-10-03

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[21] **3,077,229**  
[13] A1

[51] Int.Cl. H01J 65/04 (2006.01) H05B 41/24 (2006.01)  
 [25] EN  
**[54] ULTRAVIOLET LAMP SYSTEMS AND METHODS OF OPERATING AND CONFIGURING THE SAME**  
**[54] SYSTEMES DE LAMPE A ULTRAVIOLETS ET LEURS PROCEDES DE FONCTIONNEMENT ET DE CONFIGURATION**  
 [72] SKINNER, BRETT, US  
 [72] LEONHARDT, DARRIN, US  
 [72] WOOD, CHARLES H., US  
 [71] HERAEUS NOBLELIGHT AMERICA LLC, US  
 [85] 2020-03-26  
 [86] 2018-11-02 (PCT/US2018/059023)  
 [87] (WO2019/090124)  
 [30] US (62/581,301) 2017-11-03

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<p>[21] <b>3,077,230</b> [13] A1</p> <p>[51] Int.Cl. B01D 53/70 (2006.01) B01D 53/78 (2006.01)</p> <p>[25] EN</p> <p>[54] PROCESS AND APPARATUS FOR ALKYL HALIDE FUMIGANT RECOVERY AND CONVERSION</p> <p>[54] PROCESSUS ET APPAREIL DE RECUPERATION ET DE CONVERSION DE FUMIGANT D'HALOGENURE D'ALKYLE</p> <p>[72] LAWAL, ADENIYI, US</p> <p>[72] ZHOU, LIN, US</p> <p>[71] THE TRUSTEES OF THE STEVENS INSTITUTE OF TECHNOLOGY, US</p> <p>[85] 2020-03-26</p> <p>[86] 2018-09-27 (PCT/US2018/053219)</p> <p>[87] (WO2019/067784)</p> <p>[30] US (62/563,976) 2017-09-27</p>
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<p>[21] <b>3,077,232</b> [13] A1</p> <p>[51] Int.Cl. A47J 27/00 (2006.01) A47J 31/00 (2006.01)</p> <p>[25] EN</p> <p>[54] LID BODY AND COOKER</p> <p>[54] CORPS DE COUVERCLE ET CUISEUR</p> <p>[72] PENG, FENG, CN</p> <p>[71] FOSHAN SHUNDE MIDEA ELECTRICAL HEATING APPLIANCES MANUFACTURING CO., L., CN</p> <p>[85] 2020-03-27</p> <p>[86] 2017-11-01 (PCT/CN2017/108984)</p> <p>[87] (WO2019/061673)</p> <p>[30] CN (201721276569.6) 2017-09-29</p> <p>[30] CN (201721272683.1) 2017-09-29</p>
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<p>[21] <b>3,077,233</b> [13] A1</p> <p>[51] Int.Cl. C12Q 1/6886 (2018.01) G01N 33/574 (2006.01)</p> <p>[25] EN</p> <p>[54] A METHOD OF DIAGNOSIS, STAGING AND MONITORING OF MELANOMA USING MICRORNA GENE EXPRESSION</p> <p>[54] METHODE DE DIAGNOSTIC, DE STADIFICATION ET DE SURVEILLANCE D'UN MELANOME A L'AIDE DE L'EXPRESSION GENIQUE DE MICROARN</p> <p>[72] VAN LAAR, RYAN, AU</p> <p>[71] GENESEQ PTY LTD, AU</p> <p>[85] 2020-03-27</p> <p>[86] 2018-09-26 (PCT/AU2018/051050)</p> <p>[87] (WO2019/068139)</p> <p>[30] AU (2017903978) 2017-10-03</p>
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<p>[21] <b>3,077,234</b> [13] A1</p> <p>[51] Int.Cl. C10G 31/09 (2006.01) B01D 24/00 (2006.01) C10G 7/00 (2006.01) C10L 1/28 (2006.01)</p> <p>[25] EN</p> <p>[54] REMOVAL OF SILICON-CONTAINING CHEMICALS FROM HYDROCARBON STREAMS</p> <p>[54] ELIMINATION DE PRODUITS CHIMIQUES CONTENANT DU SILICIUM DE FLUX D'HYDROCARBURES</p> <p>[72] AL-SABAWI, MUSTAFA, CA</p> <p>[72] MITCHELL, LINDSAY A., CA</p> <p>[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US</p> <p>[85] 2020-03-26</p> <p>[86] 2018-11-05 (PCT/US2018/059196)</p> <p>[87] (WO2019/094328)</p> <p>[30] US (62/585,037) 2017-11-13</p>
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<p>[21] <b>3,077,237</b> [13] A1</p> <p>[51] Int.Cl. A61C 13/00 (2006.01) B33Y 70/00 (2020.01) A61C 13/01 (2006.01)</p> <p>[25] EN</p> <p>[54] FABRICATION OF DENTAL APPLIANCES</p> <p>[54] FABRICATION D'APPAREILS DENTAIRE</p> <p>[72] MARTZ, ANDREW, US</p> <p>[72] MARTZ, MARTIN, US</p> <p>[71] ARCHFORM INC., US</p> <p>[85] 2020-03-26</p> <p>[86] 2018-09-27 (PCT/US2018/053235)</p> <p>[87] (WO2019/067794)</p> <p>[30] US (62/564,064) 2017-09-27</p>
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<p>[21] <b>3,077,238</b> [13] A1</p> <p>[51] Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01)</p> <p>[25] EN</p> <p>[54] 4,6,7-TRISUBSTITUTED 1,2-DIHIDROPYRROL[3,4-C]PYRIDIN/PYRIMIDIN-3-ONE DERIVATIVES AND USES THEREOF</p> <p>[54] DERIVE 4,6,7-TRISUBSTITUE DE 1,2-DIHIDROPYRROL[3,4-C]PYRIDIN/PYRIMIDIN-3-ONE ET SON UTILISATION</p> <p>[72] GUO, SHUCHUN, CN</p> <p>[72] ZHOU, FUSHENG, CN</p> <p>[72] CHEN, XIANG, CN</p> <p>[72] ZHAO, JINZHU, CN</p> <p>[72] HUANG, DONG, CN</p> <p>[72] XIE, JING, CN</p> <p>[72] QIAO, CHANGJIANG, CN</p> <p>[72] HE, WAN, CN</p> <p>[72] ZHANG, KAI, CN</p> <p>[72] CHEN, XI, CN</p> <p>[72] LAN, JIONG, CN</p> <p>[71] SHANGHAI HAIYAN PHARMACEUTICAL TECHNOLOGY CO., LTD., CN</p> <p>[71] YANGTZE RIVER PHARMACEUTICAL GROUP CO., LTD., CN</p> <p>[85] 2020-03-27</p> <p>[86] 2018-08-03 (PCT/CN2018/098481)</p> <p>[87] (WO2019/062329)</p> <p>[30] CN (201710897909.5) 2017-09-28</p>
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**[21] 3,077,242**  
[13] A1

[51] Int.Cl. H04W 48/16 (2009.01)  
[25] EN  
[54] SIGNAL TRANSMISSION METHOD AND SYSTEM  
[54] SYSTEME ET PROCEDE D'EMISSION DE SIGNAUX  
[72] LIU, KUN, CN  
[72] DAI, BO, CN  
[72] CHEN, XIANMING, CN  
[72] YANG, WEIWEI, CN  
[72] FANG, HUIYING, CN  
[71] ZTE CORPORATION, CN  
[85] 2020-03-27  
[86] 2018-08-14 (PCT/CN2018/100324)  
[87] (WO2019/062357)  
[30] CN (201710910986.X) 2017-09-29

**[21] 3,077,243**  
[13] A1

[25] EN  
[54] DEVICE AND VACUUM CHAMBER  
[54] DISPOSITIF ET CHAMBRE A VIDE  
[72] BRAUN, WOLFGANG, DE  
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE  
[85] 2020-03-27  
[86] 2018-09-24 (PCT/EP2018/075784)  
[87] (WO2019/063477)  
[30] DE (10 2017 122 754.7) 2017-09-29

**[21] 3,077,246**  
[13] A1

[51] Int.Cl. G06Q 20/00 (2012.01)  
[25] EN  
[54] MESSAGE-CREDENTIALED BLOCKCHAINS  
[54] CHAINES DE BLOCS ACCREDITEES PAR MESSAGE  
[72] MICALI, SILVIO, US  
[71] ALGORAND INC., US  
[85] 2020-03-26  
[86] 2018-09-28 (PCT/US2018/053360)  
[87] (WO2019/067863)  
[30] US (62/564,670) 2017-09-28  
[30] US (62/567,864) 2017-10-04  
[30] US (62/570,256) 2017-10-10  
[30] US (62/580,757) 2017-11-02  
[30] US (62/607,558) 2017-12-19  
[30] US (62/632,944) 2018-02-20  
[30] US (62/643,331) 2018-03-15

**[21] 3,077,247**  
[13] A1

[51] Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) A61P 25/28 (2006.01)  
[25] EN  
[54] ANTI-TAU ANTIBODIES AND USES THEREOF  
[54] ANTICORPS ANTI-TAU ET LEURS UTILISATIONS  
[72] ROBERTS, MALCOLM IAN, GB  
[72] STADDON, JAMES MARTIN, GB  
[72] DE SILVA, HETTIHEWAGE ALFRED ROHAN, GB  
[72] SPIDEL, JARED, US  
[72] AOYAGI, HIROFUMI, JP  
[72] AKASOFU, SHIGERU, JP  
[72] HASHIZUME, YUTAKA, JP  
[72] AGARWALA, KISHAN, JP  
[71] EISAI R & D MANAGEMENT CO., LTD., JP  
[71] UCL BUSINESS LTD, GB  
[85] 2020-03-26  
[86] 2018-10-16 (PCT/IB2018/058024)  
[87] (WO2019/077500)  
[30] US (62/572,910) 2017-10-16  
[30] US (62/577,011) 2017-10-25  
[30] US (62/697,034) 2018-07-12

**[21] 3,077,248**  
[13] A1

[51] Int.Cl. H04W 4/02 (2018.01) H04W 64/00 (2009.01) H04W 84/12 (2009.01) G01S 5/00 (2006.01)  
[25] EN  
[54] METHOD AND A SYSTEM FOR LOCATING WIRELESS ELECTRONIC DEVICES  
[54] PROCEDE ET SYSTEME DE LOCALISATION DE DISPOSITIFS ELECTRONIQUES SANS FIL  
[72] CROUCH, ALAN, AU  
[72] LOOTS, JAN GERHARDUS, AU  
[72] BIRD, JASON, AU  
[72] BOBEFF, ED, AU  
[71] TELSTRA CORPORATION LIMITED, AU  
[85] 2020-03-27  
[86] 2018-09-26 (PCT/AU2018/051052)  
[87] (WO2019/060954)  
[30] AU (2017903947) 2017-09-28  
[30] AU (2018903106) 2018-08-23

**[21] 3,077,251**  
[13] A1

[51] Int.Cl. C12N 15/113 (2010.01) A61K 48/00 (2006.01) A61P 25/28 (2006.01) C12N 15/10 (2006.01)  
[25] EN  
[54] COMPOSITIONS AND METHODS FOR TTR GENE EDITING AND TREATING ATTR AMYLOIDOSIS  
[54] COMPOSITIONS ET METHODES POUR L'EDITION DU GENE TTR ET LE TRAITEMENT DE L'AMYLOIDOSE ATTR  
[72] KANJOLIA, ARTI MAHENDRA PRAKASH, US  
[72] ODATE, SHOBU, US  
[72] SEITZER, JESSICA LYNN, US  
[72] LESCARBEAU, REYNALD MICHAEL, US  
[72] STRAPPS, WALTER, US  
[71] INTELLIA THERAPEUTICS, INC., US  
[85] 2020-03-26  
[86] 2018-09-28 (PCT/US2018/053382)  
[87] (WO2019/067872)  
[30] US (62/566,236) 2017-09-29  
[30] US (62/671,902) 2018-05-15

**[21] 3,077,254**  
[13] A1

[51] Int.Cl. A61C 17/16 (2006.01) A61C 17/02 (2006.01)  
[25] EN  
[54] DEVICE FOR VIEWABLE TEETH-CLEANING AND POLISHING  
[54] DISPOSITIF POUR LE NETTOYAGE ET LE POLISSAGE DE DENTS A FONCTION DE VISUALISATION  
[72] ZHOU, XING, CN  
[71] ZHOU, XING, CN  
[85] 2020-03-27  
[86] 2018-08-15 (PCT/CN2018/100719)  
[87] (WO2019/072018)  
[30] CN (201710949495.6) 2017-10-13

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<p>[21] <b>3,077,255</b> [13] A1</p> <p>[51] Int.Cl. A61K 48/00 (2006.01)</p> <p>[25] EN</p> <p>[54] POLYNUCLEOTIDES, COMPOSITIONS, AND METHODS FOR GENOME EDITING</p> <p>[54] POLYNUCLEOTIDES, COMPOSITIONS ET PROCEDES POUR L'EDITION GENOMIQUE</p> <p>[72] DOMBROWSKI, CHRISTIAN, US</p> <p>[72] FINN, JONATHAN DOUGLAS, US</p> <p>[72] SMITH, AMY MADISON RHODEN, US</p> <p>[72] ALEXANDER, SETH C., US</p> <p>[71] INTELLIA THERAPEUTICS, INC., US</p> <p>[85] 2020-03-26</p> <p>[86] 2018-09-28 (PCT/US2018/053439)</p> <p>[87] (WO2019/067910)</p> <p>[30] US (62/566,144) 2017-09-29</p>
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<p>[21] <b>3,077,257</b> [13] A1</p> <p>[51] Int.Cl. C08G 18/48 (2006.01) C08G 18/40 (2006.01) C08G 18/42 (2006.01) C08G 18/50 (2006.01) C08G 18/76 (2006.01) C08J 9/00 (2006.01) C08J 9/14 (2006.01)</p> <p>[25] EN</p> <p>[54] BLOWING AGENT COMPOSITION FOR PREPARATION OF A FOAM</p> <p>[54] COMPOSITION D'AGENT GONFLANT POUR LA PREPARATION D'UNE MOUSSE</p> <p>[72] WYSONG, ERNEST BYRON, US</p> <p>[71] THE CHEMOURS COMPANY FC, LLC, US</p> <p>[85] 2020-03-26</p> <p>[86] 2018-09-28 (PCT/US2018/053490)</p> <p>[87] (WO2019/067939)</p> <p>[30] US (62/565,655) 2017-09-29</p>
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  - [54] AMUSEMENT RIDE
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  - [72] SORNIK, FRANK, DE
  - [71] MACK RIDES GMBH & CO. KG, DE
  - [85] 2020-03-27
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  - [54] VIEWING ORAL CAVITY SCRAPER
  - [54] GRATTOIR DE CAVITE BUCCALE DE VISUALISATION
  - [72] ZHOU, XING, CN
  - [71] ZHOU, XING, CN
  - [85] 2020-03-27
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  - [25] EN
  - [54] FUSED RING DERIVATIVE AS A2A RECEPTOR INHIBITOR
  - [54] DERIVE A CYCLE FUSIONNE UTILISE EN TANT QU'INHIBITEUR DU RECEPTEUR A2A
  - [72] CHEN, KEVIN X., CN
  - [72] ZHOU, KAI, CN
  - [72] HU, BOYU, CN
  - [72] XIAO, MINLIANG, CN
  - [72] CHEN, SHUHUI, CN
  - [71] CSTONE PHARMACEUTICALS (SUZHOU) CO., LTD., CN
  - [71] CSTONE PHARMACEUTICALS (SHANGHAI) CO., LTD., CN
  - [71] CSTONE PHARMACEUTICALS, KY
  - [85] 2020-03-27
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  - [30] CN (201710900542.8) 2017-09-28
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  - [25] EN
  - [54] FOLATE SALTS FOR MEDICAL USE
  - [54] SELS DE FOLATE A USAGE MEDICAL
  - [72] ULMANN, MARTIN, CH
  - [72] WIESLER, GERD, CH
  - [72] BODENMULLER, ARTHUR, CH
  - [72] MULLER, MARKUS, CH
  - [71] APROFOL AG, CH
  - [85] 2020-03-27
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- [25] EN
- [54] HIGH EFFICIENCY TARGETED IN SITU GENOME-WIDE PROFILING
- [54] PROFILAGE PANGENOMIQUE IN SITU CIBLE DE HAUTE EFFICACITE
- [72] HENIKOFF, STEVEN, US
- [72] KAYA OKUR, HATICE SEDA, US
- [72] BRYSON, TERRI DAWN, US
- [72] SKENE, PETER JAMES, US
- [71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
- [85] 2020-03-25
- [86] 2018-09-25 (PCT/US2018/052707)
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  - [25] EN
  - [54] THERMOPLASTIC POLYOXAZOLIDONES FROM DIISOCYANATES AND DIGLYCIDYL ETHER OF 2-PHENYL-1,3-PROPANEDIOL DERIVATIVES
  - [54] POLYOXAZOLIDONES THERMOPLASTIQUES PRODUITES A PARTIR DE DIISOCYANATES ET DE DERIVES D'ETHER DIGLYCIDYLIQUE DE 2-PHENYL-1,3-PROPANEDIOL
  - [72] GORMAN, IRENE, DE
  - [72] STEGMANN, VEIT, DE
  - [72] THOMAS, HANS-JOSEF, DE
  - [71] BASF SE, DE
  - [85] 2020-03-27
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- [54] COMBINATION THERAPY COMPRISING AN ACC INHIBITOR
- [54] POLYTHERAPIE COMPRENANT UN INHIBITEUR DE L'ACC
- [72] BATES, JAMIE GEIER, US
- [72] RAY, ADRIAN S., US
- [71] GILEAD SCIENCES, INC., US
- [85] 2020-03-24
- [86] 2018-10-05 (PCT/US2018/054738)
- [87] (WO2019/071216)
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[25] EN
[54] SYSTEM, APPARATUS, AND METHOD FOR MONITORING AIR QUALITY
[54] SYSTEME, APPAREIL ET PROCEDE DE SURVEILLANCE DE LA QUALITE DE L'AIR
[72] LAVROVSKY, VLADISLAV I., CA
[72] HART, KEVIN R., CA
[71] LAVROVSKY, VLADISLAV I., CA
[71] HART, KEVIN R., CA
[85] 2020-03-26
[86] 2018-09-26 (PCT/CA2018/000182)
[87] (WO2019/060984)
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[51] Int.Cl. G01V 1/28 (2006.01)
[25] EN
[54] CONVERSION OF ROCK MECHANICS DATA FROM CONFINING STRESS TO PORE PRESSURE FOR RESERVOIR SIMULATORS
[54] CONVERSION DE DONNEES DE MECANIQUE DES ROCHES D'UNE CONTRAINTE DE CONFINEMENT EN UNE PRESSION DE PORE POUR SIMULATEURS DE RESERVOIR
[72] RAMSAY, TRAVIS ST. GEORGE, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2020-03-27
[86] 2017-11-14 (PCT/US2017/061457)
[87] (WO2019/098988)

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[51] Int.Cl. H04L 12/24 (2006.01) H04L 12/28 (2006.01) H04L 29/08 (2006.01)
[25] EN
[54] DYNAMIC BINDING AND LOAD DETERMINATION IN A CONTENT DELIVERY NETWORK (CDN)
[54] ASSOCIATION DYNAMIQUE ET DETERMINATION DE CHARGE DANS UN RESEAU DE DIFFUSION DE CONTENU (CDN)
[72] NEWTON, CHRISTOPHER, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2020-03-27
[86] 2018-05-31 (PCT/US2018/035381)
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[51] Int.Cl. A61B 46/10 (2016.01) A61B 42/10 (2016.01) B29C 41/14 (2006.01)
[25] EN
[54] COVER FOR AN ULTRASOUND PROBE
[54] CAPUCHON POUR SONDE A ULTRASONS
[72] ANDERSEN, BJARNE, DK
[71] SPT VILECON A/S, DK
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[25] EN
[54] METHODS FOR PERFORMING TASKS IN A TANK CONTAINING HAZARDOUS SUBSTANCES
[54] PROCEDES DE CONDUITE DE TACHES DANS UN RESERVOIR CONTENANT DES SUBSTANCES DANGEREUSES
[72] MEYERS, JOHN W., US
[72] DAILY, JOSEPH A., US
[72] CHEUVRONT, DAVID L., US
[72] LOVELACE, JAMES TODD, US
[72] GILLORY, RONALD, US
[72] CASSIMATIS, DAVID JOHN, US
[71] TANKBOTS, INC., US
[85] 2020-03-27
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[51] Int.Cl. H01Q 3/08 (2006.01)
[25] EN
[54] LOW PROFILE GIMBAL FOR AIRBORNE RADAR
[54] SUSPENSION A CARDAN AU PROFIL BAS POUR RADAR DE BORD
[72] HENNEBERRY, MICHAEL S., US
[72] RAHBANY, HEATHER M., US
[71] RAYTHEON COMPANY, US
[85] 2020-03-27
[86] 2018-08-17 (PCT/US2018/047002)
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[25] EN
[54] OPERATING WELLBORE EQUIPMENT USING A DATA DRIVEN PHYSICS-BASED MODEL
[54] UTILISATION D'UN EQUIPEMENT DE PUITS DE FORAGE AU MOYEN D'UN MODELE A BASE DE PHYSIQUE PILOTE PAR DES donnees
[72] MADASU, SRINATH, US
[72] RANGARAJAN, KESHAVA PRASAD, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2020-03-27
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[51] Int.Cl. C07K 16/44 (2006.01) A61K 39/00 (2006.01) C07K 16/18 (2006.01)
[25] EN
[54] ANTI-PACAP ANTIBODY
[54] ANTICORPS ANTI-PACAP
[72] BEIDLER, CATHERINE BRAUTIGAM, US
[72] JOHNSON, MICHAEL PARVIN, US
[72] PATEL, CHETANKUMAR NATVARLAL, US
[71] ELI LILLY AND COMPANY, US
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  - [54] APPARATUS AND METHOD FOR TRACKING A MEDICAL ULTRASONIC OBJECT
  - [54] APPAREIL ET PROCEDE POUR SUIVRE UN OBJET ULTRASONORE MEDICAL
  - [72] ZHENG, PENG, US
  - [71] C. R. BARD, INC., US
  - [85] 2020-03-27
  - [86] 2017-09-29 (PCT/US2017/054251)
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- [25] EN
- [54] SOFC SYSTEM FORMED WITH MULTIPLE THERMALLY CONDUCTIVE PATHWAYS
- [54] SYSTEME DE SOFC FORME DE MULTIPLES VOIES THERMOCONDUCTRICES
- [72] PALUMBO, NATHAN, US
- [72] PERSKY, JOSHUA E., US
- [72] HARRINGTON, FORREST, US
- [71] PROTONEX TECHNOLOGY CORPORATION, US
- [85] 2020-03-27
- [86] 2017-10-06 (PCT/US2017/055554)
- [87] (WO2018/067941)
- [30] US (15/287,402) 2016-10-06

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  - [25] FR
  - [54] METHOD OF AIDING TOGGLING OF A MOBILE TERMINAL BETWEEN COMMUNITY WIRELESS LOCAL AREA NETWORKS
  - [54] PROCEDE D'AIDE A UN BASCULEMENT DE TERMINAL MOBILE ENTRE RESEAUX LOCAUX SANS-FIL COMMUNAUTAIRES
  - [72] GRAUL, ALEXIS, FR
  - [72] LALAM, MASSINISSA, FR
  - [71] SAGEMCOM BROADBAND SAS, FR
  - [85] 2020-03-26
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  - [87] (WO2019/063564)
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  - [54] METHOD FOR PRODUCING EXPANDED THERMOPLASTIC POLYMERS WITH CONTROLLED DENSITY
  - [54] PROCEDE DE PRODUCTION DE POLYMERES THERMOPLASTIQUES EXPANSES A DENSITE CONTROLEE
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  - [72] VERBEKE, HUGO, BE
  - [71] HUNTSMAN INTERNATIONAL LLC, US
  - [85] 2020-03-27
  - [86] 2018-10-31 (PCT/EP2018/079799)
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- [25] EN
- [54] MEMBRANE WASTEWATER TREATMENT OF COMBINED SEWER OVERFLOWS AND SANITARY SEWER OVERFLOWS
- [54] TRAITEMENT PAR MEMBRANE DES EAUX USEES DE TROP-PLEINS D'EGOUT SANITAIRE ET DE TROP-PLEINS D'EGOUT UNITAIRE
- [72] OLLIVANT, MIKE, US
- [72] BUGG, PETER J., US
- [72] LIVINGSTON, DENNIS, US
- [71] OVIVO INC., CA
- [85] 2020-03-26
- [86] 2018-09-28 (PCT/IB2018/001245)
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- [54] APPARATUS AND METHOD FOR PROCESSING, COATING OR CURING A SUBSTRATE
- [54] APPAREIL ET PROCEDE DE TRAITEMENT, DE REVETEMENT OU DE DURCISSEMENT DE SUBSTRAT
- [72] TOPPING, ALEXANDER JOHN, GB
- [72] SHIPMAN, JAMES TIW, GB
- [72] JARMAN, ROBERT WILLIAM, GB
- [71] CAMVAC LIMITED, GB
- [85] 2020-03-27
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- [87] (WO2019/064001)
- [30] GB (1715779.3) 2017-09-29

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- [25] EN
- [54] DEVICE AND METHOD FOR DETECTING WHEN A BEDRIDDEN PERSON GETS OUT OF BED OR HAS FALLEN
- [54] DISPOSITIF ET METHODE POUR DETECTER QU'UNE PERSONNE ALITEE QUITTE SON LIT OU A CHUTE
- [72] KAPLAN, PHILIPPE, BE
- [71] KAPCARE SA, BE
- [85] 2020-03-27
- [86] 2018-09-28 (PCT/EP2018/076501)
- [87] (WO2019/063808)
- [30] BE (2017/5693) 2017-09-29

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- [25] EN
- [54] SMART MONOCONTROL CARTRIDGE FOR TAPS, SMART MONOCONTROL TAPS, SMART MANAGEMENT SYSTEM AND METHOD FOR CONTROL MONOCONTROL TAPS
- [54] CARTOUCHE MONOCOMMANDE INTELLIGENTE POUR ROBINETTERIE, ROBINETTERIE INTELLIGENTE MONOCOMMANDE ET PROCEDE DE GESTION INTELLIGENTE DE ROBINETTERIE MONOCOMMANDE
- [72] RECIO FERNANDEZ, DIEGO, ES
- [72] LOPEZ RODRIGUEZ, DANIEL, ES
- [71] I COMPONENTS STUDIO, S.L., ES
- [85] 2020-03-27
- [86] 2017-09-29 (PCT/ES2017/070641)
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- [25] EN
- [54] POINT CLOUD RAIL ASSET DATA EXTRACTION
- [54] EXTRACTION DE DONNEES D'ACTIF DE RAIL CLOUD EN POINTS
- [72] JUNG, JAEWOOK, CA
- [72] SOHN, GUNHO SOHN, CA
- [72] RICKARD, MICHAEL, CA
- [72] GREEN, ALON, CA
- [72] KINIO, WALTER, CA
- [71] THALES CANADA INC., CA
- [85] 2020-03-26
- [86] 2018-11-16 (PCT/IB2018/059071)
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- [25] EN
- [54] TUMOR SUPPRESSION USING HUMAN PLACENTA-DERIVED INTERMEDIATE NATURAL KILLER (PINK) CELLS IN COMBINATION WITH AN ANTIBODY
- [54] SUPPRESSION DE TUMEUR A L'AIDE DE CELLULES TUEUSES NATURELLES INTERMEDIAIRES DERIVEES DU PLACENTA HUMAIN (PINK) EN COMBINAISON AVEC UN ANTICORPS
- [72] ZHANG, XIAOKUI, US
- [72] KANG, LIN, US
- [72] HARIRI, ROBERT J., US
- [71] CELULARITY, INC., US
- [85] 2020-03-27
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- [54] SUPPORT POUR UNE ETIQUETTE DE SURVEILLANCE INTELLIGENTE DESTINEE A DES VACHES
- [72] BRAYER, EYAL, IL
- [72] GENZEL, ERAN, IL
- [71] SCR ENGINEERS LTD, IL
- [85] 2020-03-26
- [86] 2017-09-28 (PCT/IL2017/051093)
- [87] (WO2018/061003)
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- [54] DISPOSITIF PRODUISANT DE LA FUMEÉE COMPRENANT UN CONTENANT
- [72] SCHLARMANN, MICHEL JOHANNES HENDRIKUS, NL
- [71] I-NVENTION B.V., NL
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- [87] (WO2019/070118)
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- [25] EN
- [54] CONCENTRATED CATALYST COMBUSTION SYSTEM HAVING ACTIVE CONCENTRATION RATIO CONTROL MEANS
- [54] SYSTEME DE COMBUSTION DE CATALYSEUR CONCENTRE AYANT DES MOYENS DE COMMANDE DE RAPPORT DE CONCENTRATION ACTIF
- [72] KIM, CHANG KEUN, KR
- [71] CHANGSUNG ENGINEERING CO., LTD., KR
- [85] 2020-03-26
- [86] 2018-09-21 (PCT/KR2018/011222)
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- [25] EN
- [54] OFF-AXIS IONIZATION DEVICES AND SYSTEMS
- [54] DISPOSITIFS ET SYSTEMES D'IONISATION HORS-AXE
- [72] GAMBLE, HEATHER, US
- [72] JAVAHERY, GHOLAMREZA, US
- [72] COUSINS, LISA, US
- [72] JOLLIFFE, CHARLES, US
- [71] PERKINELMER HEALTH SCIENCES CANADA, INC., CA
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- [86] 2018-09-29 (PCT/IB2018/057599)
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- [25] EN
- [54] TREATMENT OF FRAGILE X SYNDROME WITH CANNABIDIOL
- [54] TRAITEMENT DU SYNDROME DE L'X FRAGILE AVEC DU CANNABIDIOL
- [72] BONN-MILLER, MARCEL, US
- [72] TICH, NANCY, US
- [72] GUTTERMAN, DONNA, US
- [72] MESSENHEIMER, JOHN, US
- [72] SEBREE, TERRI, US
- [71] ZYNERBA PHARMACEUTICALS, INC., US
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- [86] 2018-09-27 (PCT/IB2018/057519)
- [87] (WO2019/064234)
- [30] US (62/564,834) 2017-09-28
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- [25] EN
- [54] COSMETIC COMPOSITIONS AND METHOD OF TREATING THE SKIN
- [54] COMPOSITIONS COSMETIQUES ET PROCEDE DE TRAITEMENT DE LA PEAU
- [72] BRUN, CECILIA, FR
- [72] MEYER, CHRISTOPHE, FR
- [72] ODDOS, THIERRY, FR
- [71] JOHNSON & JOHNSON CONSUMER INC., US
- [85] 2020-03-27
- [86] 2018-09-12 (PCT/IB2018/056985)
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- [25] EN
- [54] CONTAINER MADE FROM POLYBUTYLENE TEREPHTHALATE HAVING A LOW OXYGEN PERMEABILITY
- [54] RECIPIENT FABRIQUE A PARTIR DE POLY(TEREPHTALATE DE BUTYLENE) AYANT UNE FAIBLE PERMEABILITE A L'OXYGENE
- [72] KNIESSEL, SIMON, DE
- [72] SEVERINI, TONINO, IT
- [71] BASF SE, DE
- [71] POINT PLASTIC S.R.L., IT
- [85] 2020-03-27
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- [87] (WO2019/068597)
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- [25] EN
- [54] MOBILE DRILLING APPARATUS FOR A DRILLING SITE WITH CLUSTER OF WELLS AND METHOD OF ASSEMBLING AND MOVING THEREOF
- [54] APPAREIL DE FORAGE MOBILE POUR UN SITE DE FORAGE COMPORTEANT UN GROUPE DE PUITS ET SON PROCEDE D'ASSEMBLAGE ET DE DEPLACEMENT
- [72] BASILE, ADOLFO, US
- [72] TIBERI, ANDREA, US
- [71] DRILLMEC INC., US
- [85] 2020-03-27
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 [25] EN  
 [54] SUSTAINED RELEASE FORMULATIONS OF CROCUS SATIVUS  
 [54] FORMULATIONS A LIBERATION PROLONGEE DE CROCUS SATIVUS  
 [72] BHARATE, SONALI SANDIP, IN  
 [72] KUMAR, VIKAS, IN  
 [72] SINGH, ROHIT, IN  
 [72] RANI, SARITA, IN  
 [72] GUPTA, MEHAK, IN  
 [72] KUMAR, AJAY, IN  
 [72] BHARATE, SANDIP BIBISHAN, IN  
 [72] VISHWAKARMA, RAM, IN  
 [71] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN  
 [85] 2020-03-27  
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 [54] ELEMENT DE FIXATION DE FENETRE  
 [72] MOLLOY, BRYCE ALAN, NZ  
 [72] ISAACSON, LEWIS JOSEPH, NZ  
 [71] ASSA ABLOY NEW ZEALAND LIMITED, NZ  
 [85] 2020-03-27  
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 [54] MODULATEURS DE STIMULATEUR DES GENES (STING) DE L'INTERFERON  
 [72] FOSBENNER, DAVID T., US  
 [72] GRAYBILL, TODD L., US  
 [72] KANG, JIANXING, US  
 [72] KING, BRYAN W., US  
 [72] LAN, YUNFENG, US  
 [72] LEISTER, LARA KATHRYN, US  
 [72] MAHAJAN, MUKESH K., US  
 [72] MEHLMANN, JOHN F., US  
 [72] MORALES-RAMOS, ANGEL I., US  
 [72] PESIRIDIS, GEORGE SCOTT, US  
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 [72] ROMANO, JOSEPH J., US  
 [72] ROMERIL, STUART PAUL, US  
 [72] SCHULZ, MARK J., US  
 [72] ZHOU, HUIQIANG, US  
 [72] QU, JUNYA, US  
 [71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB  
 [85] 2020-03-27  
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 [87] (WO2019/069270)  
 [30] US (62/568,420) 2017-10-05
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 [54] COMMANDE D'OXYGENE EN BOUCLE FERMEE  
 [72] WILLIAMS, RHYS MATTHEW JAMES, NZ  
 [72] BURGESS, RUSSEL WILLIAM, NZ  
 [72] RUSSELL, DAVID MARTIN, NZ  
 [72] GULLEY, ANTON KIM, NZ  
 [72] CANTRELL, CHARLES GRADY, NZ  
 [72] HUANG, YI LIN, NZ  
 [71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ  
 [85] 2020-03-27  
 [86] 2018-10-05 (PCT/NZ2018/050137)  
 [87] (WO2019/070136)  
 [30] US (62/569,429) 2017-10-06  
 [30] US (62/596,722) 2017-12-08
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 [54] DISPOSITIF DE RECUPERATION/CONCENTRATION DE GAZ  
 [72] OKANO, HIROSHI, JP  
 [71] KABUSHIKI-GAISYA SEIBU-GIKEN., JP  
 [85] 2020-03-27  
 [86] 2019-01-28 (PCT/JP2019/002748)  
 [87] (WO2019/187582)  
 [30] JP (2018-060998) 2018-03-28
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 [54] NOUVEAUX ANTIGENES PROTEIQUES D'ENVELOPPE DU VIRUS DE L'IMMUNODEFICIENCE HUMAINE EXPRIMES CHEZ LES MAMMIFERES  
 [72] MELTON WITT, JODY, US  
 [72] SON, SODANY, US  
 [72] BAUMEISTER, MARK, US  
 [72] BERRY, JODY, US  
 [71] GRIFOLS DIAGNOSTIC SOLUTIONS INC., US  
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  - [54] ROLLING BEARING
  - [54] PALIER A ROULEMENT
  - [72] KUSZNIEREWICZ, ZBIGNIEW, PL
  - [71] KUSZNIEREWICZ, ZBIGNIEW, PL
  - [71] KUSZNIEREWICZ, MATEUSZ, PL
  - [85] 2020-03-27
  - [86] 2018-07-04 (PCT/PL2018/000067)
  - [87] (WO2019/098863)
  - [30] PL (P.423481) 2017-11-16
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  - [25] EN
  - [54] GASTRORETENTIVE SUSTAINED RELEASE FORMULATIONS OF BERGENIA CILIATA
  - [54] FORMULATIONS A LIBERATION PROLONGEE ET A RETENTION GASTRIQUE DE BERGENIA CILIATA
  - [72] BHARATE, SONALI SANDIP, IN
  - [72] SINGH, ROHIT, IN
  - [72] GUPTA, MEHAK, IN
  - [72] SINGH, BIKARMA, IN
  - [72] KATARE, ANIL KUMAR, IN
  - [72] KUMAR, AJAY, IN
  - [72] BHARATE, SANDIP BIBISHAN, IN
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  - [85] 2020-03-27
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  - [25] EN
  - [54] GAS ADSORBENT BODY, METHOD FOR PRODUCING THEREOF, AND CARBON DIOXIDE GAS CONCENTRATION DEVICE
  - [54] ADSORBANT DE GAZ, SON PROCEDE DE PRODUCTION, DISPOSITIF DE CONCENTRATION DE DIOXYDE DE CARBONE GAZEUX
  - [72] OKANO, HIROSHI, JP
  - [71] KABUSHIKI-GAISYA SEIBU-GIKEN, JP
  - [85] 2020-03-27
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  - [25] EN
  - [54] METHODS OF MAKING, EXPANDING, AND USING A HUMAN PROGENITOR T CELL
  - [54] PROCEDES DE FABRICATION, D'EXPANSION ET D'UTILISATION D'UNE CELLULE T PROGENITRICE HUMAINE
  - [72] STEFANSKI, HEATHER EMILY, US
  - [72] WAGNER, JOHN EDWARD, JR., US
  - [72] BLAZAR, BRUCE ROBERT, US
  - [72] SINGH, JASTARANPREET, CA
  - [72] ZUNIGA-PFLUCKER, JUAN CARLOS, CA
  - [71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
  - [71] SUNNYBROOK RESEARCH INSTITUTE, CA
  - [85] 2020-03-27
  - [86] 2018-09-28 (PCT/US2018/053256)
  - [87] (WO2019/067811)
  - [30] US (62/565,257) 2017-09-29
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  - [25] EN
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  - [54] COMPOSITION DE PLASTIFIANT ET COMPOSITION DE RESINE LA COMPRENANT
  - [72] KIM, HYUN KYU, KR
  - [72] MOON, JEONG JU, KR
  - [72] CHO, YUN KI, KR
  - [72] KIM, JOO HO, KR
  - [72] JEONG, SEOK HO, KR
  - [71] LG CHEM, LTD., KR
  - [85] 2020-03-27
  - [86] 2018-12-04 (PCT/KR2018/015245)
  - [87] (WO2019/112292)
  - [30] KR (10-2017-0165273) 2017-12-04
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- [54] FIXATION DE TUBULURE MEDICALE AVEC UNE CHAMBRE REMPLIE DE FLUIDE
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- [71] BEDAL NV, BE
- [85] 2020-03-29
- [86] 2018-10-01 (PCT/EP2018/076697)
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- [25] FR
- [54] HEAD FOR EXTRUDING A COMPLEX PROFILE SECTION COMPRISING AN INSERT IN A HIGHLY ELASTIC MIXTURE
- [54] TETE D'EXTRUSION D'UN PROFILE COMPLEXE COMPRENANT UN INSERT DANS UN MELANGE FORTEMENT ELASTIQUE
- [72] RABHI, MOHAMED, FR
- [72] ROUBY, MICKAEL, FR
- [71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
- [85] 2020-03-27
- [86] 2018-10-02 (PCT/EP2018/076802)
- [87] (WO2019/068716)
- [30] FR (17/59255) 2017-10-04

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- [54] MULTIFUNCTIONAL DEVICES FOR SMOKING
- [54] DISPOSITIFS MULTIFONCTIONNELS PERMETTANT DE FUMER
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- [71] HOLDPAT S.A.R.L, US
- [85] 2020-03-27
- [86] 2018-10-01 (PCT/US2018/053680)
- [87] (WO2019/068065)
- [30] US (62/565,830) 2017-09-29

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- [25] EN
- [54] COMPOUNDS FOR THE PREVENTION AND TREATMENT OF GLUCOSE INTOLERANCE RELATED CONDITIONS AND OBESITY.
- [54] COMPOSES POUR LA PREVENTION ET LE TRAITEMENT D'ETATS PATHOLOGIQUES LIES A L'INTOLERANCE AU GLUCOSE ET DE L'OBESITE
- [72] GAUGUIER, DOMINIQUE, FR
- [72] MATSUDA, FUMIHIKO, JP
- [72] BRIAL, FRANCOIS, FR
- [71] SORBONNE UNIVERSITE, FR
- [71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
- [71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
- [71] KYOTO UNIVERSITY, JP
- [85] 2020-03-30
- [86] 2018-10-04 (PCT/EP2018/076958)
- [87] (WO2019/068788)
- [30] EP (17306326.4) 2017-10-04

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- [25] EN
- [54] LIPID-BASED ANTIGENS AND T-CELL RECEPTORS ON NK CELLS
- [54] ANTIGENES A BASE DE LIPIDES ET RECEPTEURS DES LYMPHOCYTES T SUR DES CELLULES NK
- [72] NIAZI, KAYVAN, US
- [72] SIXTO, MARCOS, US
- [72] SHIN, ANNIE, US
- [72] LIU, PHIL, US
- [71] NANTCELL, INC., US
- [85] 2020-03-27
- [86] 2018-10-04 (PCT/US2018/054418)
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- [30] US (62/568,785) 2017-10-05

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- [51] Int.Cl. G01N 33/53 (2006.01)
- [25] EN
- [54] METHODS OF DETECTING TRANSTHYRETIN
- [54] METHODES DE DETECTION DE LA TRANSTHYRETINE
- [72] SALMANS, JOSHUA REGINALD, US
- [72] ALEXANDER, SVETLANA, US
- [72] BARBOUR, ROBIN, US
- [72] LI, JIANMIN, US
- [72] HIGAKI, JEFFREY N., US
- [72] NIJJAR, TARLOCHAN S., US
- [71] PROTHENA BIOSCIENCES LIMITED, IE
- [85] 2020-03-27
- [86] 2018-10-05 (PCT/US2018/054723)
- [87] (WO2019/071206)
- [30] US (62/569,438) 2017-10-06
- [30] US (62/579,817) 2017-10-31
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- [25] EN
- [54] EMERGENCY WHEEL
- [54] ROUE D'URGENCE
- [72] TSIBERIDIS, KONSTANTIN, DE
- [71] GV ENGINEERING GMBH, DE
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  - [25] EN
  - [54] TREATMENT OF INFLAMMATORY DISORDERS
  - [54] TRAITEMENT DE TROUBLES INFLAMMATOIRES
  - [72] MACDONALD, SUSAN, US
  - [72] HALILOVIC, ADNA, US
  - [71] ALDEYRA THERAPEUTICS, INC., US
  - [85] 2020-03-27
  - [86] 2018-10-10 (PCT/US2018/055310)
  - [87] (WO2019/075136)
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- [54] VISUALISATION MULTIPLAN ET MULTIMODE D'UNE ZONE D'INTERET PENDANT LA VISEE D'UNE SONDE A ULTRASONS
- [72] CHOI, JOON HWAN, US
- [72] YANG, FUXING, US
- [71] VERATHON INC., US
- [85] 2020-03-27
- [86] 2018-10-03 (PCT/US2018/054108)
- [87] (WO2019/070812)
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  - [25] EN
  - [54] METASTABLE STATE MIXING
  - [54] MELANGE A L'ETAT METASTABLE
  - [72] CHURCH, JORDAN E., US
  - [72] EVERETT, GABRIEL F. K., US
  - [72] GREENWALD, CHARLES J., US
  - [72] LANEY, CHRISTOPHER J., US
  - [72] PALOIAN, MICHAEL, US
  - [72] PRUITT, JUDITH G., US
  - [72] ROSMARIN, AMANDA K., US
  - [72] SCHUSTER, MICHAEL J., US
  - [71] NCH LIFE SCIENCES LLC, US
  - [85] 2020-03-27
  - [86] 2018-10-04 (PCT/US2018/054389)
  - [87] (WO2019/070992)
  - [30] US (62/568,007) 2017-10-04
  - [30] US (16/151,165) 2018-10-03
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- [51] Int.Cl. F17C 13/06 (2006.01)
  - [25] EN
  - [54] BLIND BOSS FITTING WITH REDUNDANT SEAL
  - [54] RACCORDE DE BOSSAGE BORGNE DOTE D'UN JOINT REDONDANT
  - [72] MOUTRAY, BRAD JAMES, US
  - [72] EIHUSEN, JOHN ALLEN, US
  - [72] YEGGY, BRIAN CHRISTOPHER, US
  - [71] HEXAGON TECHNOLOGY AS, NO
  - [85] 2020-03-26
  - [86] 2018-10-29 (PCT/US2018/057920)
  - [87] (WO2019/094214)
  - [30] US (62/582,477) 2017-11-07
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- [51] Int.Cl. A61B 8/12 (2006.01) A61B 34/20 (2016.01) A61B 8/08 (2006.01) A61B 18/14 (2006.01) A61B 18/18 (2006.01)
  - [25] EN
  - [54] SYSTEM FOR CONTROLLING ABLATION TREATMENT AND VISUALIZATION
  - [54] SYSTEME DE COMMANDE DE VISUALISATION ET DE TRAITEMENT D'ABLATION
  - [72] SPERO, RICHARD, US
  - [71] ACESSA HEALTH INC., US
  - [85] 2020-03-26
  - [86] 2018-11-09 (PCT/US2018/060145)
  - [87] (WO2019/094808)
  - [30] US (62/583,972) 2017-11-09
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- [51] Int.Cl. B05C 17/025 (2006.01)
  - [25] EN
  - [54] A PACK FOR ANAEROBICALLY CURABLE COMPOSITIONS
  - [54] BLOC POUR COMPOSITIONS DURCISSABLES EN ANAEROBIOSE
  - [72] O'SULLIVAN, PETER, IE
  - [71] HENKEL IP & HOLDING GMBH, DE
  - [85] 2020-03-29
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  - [87] (WO2019/081669)
  - [30] GB (1717734.6) 2017-10-27
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- [51] Int.Cl. C07K 16/24 (2006.01) A61K 39/00 (2006.01) C07K 16/28 (2006.01)
- [25] EN
- [54] TREATMENT OF SMC MEDIATED DISEASE
- [54] TRAITEMENT D'UNE MALADIE MEDIEE PAR SMC
- [72] COOK, STUART ALEXANDER, SG
- [72] SCHAEFER, SEBASTIAN, SG
- [72] LIM, WEI WEN, SG
- [72] NG, BENJAMIN WEI MING, SG
- [71] SINGAPORE HEALTH SERVICES PTE. LTD., SG
- [71] NATIONAL UNIVERSITY OF SINGAPORE, SG
- [85] 2020-03-27
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- [87] (WO2019/073057)
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[51] Int.Cl. B65D 33/02 (2006.01)

[25] EN

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[54] EMBALLAGES REFERMABLES DE PRODUITS A GRIGNOTER

[72] BROEN, MARTIN E., US

[72] HUTHMAKER, TODD, US

[72] HUEBNER, CHAD, US

[72] LESTAGE, DAVID, US

[71] FRITO-LAY NORTH AMERICA, INC., US

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[86] 2018-10-04 (PCT/US2018/054399)

[87] (WO2019/074759)

[30] US (15/729,912) 2017-10-11

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[51] Int.Cl. H04L 12/40 (2006.01) B60R 16/023 (2006.01) G08G 1/00 (2006.01)

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[54] DISPOSITIF DE COMMANDE DE VEHICULE, ET RESEAU DE COMMUNICATION SANS FIL

[72] PIVIDORI, MARCELO ROBERTO, AR

[71] PIVIDORI, MARCELO ROBERTO, AR

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[86] 2018-10-29 (PCT/EP2018/079550)

[87] (WO2019/086373)

[30] AR (20170103065) 2017-11-03

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[51] Int.Cl. C10J 3/12 (2006.01)

[25] EN

[54] BIOMASS GASIFICATION DEVICE

[54] DISPOSITIF DE GAZEIFICATION DE BIOMASSE

[72] DOWAKI, NAOKI, JP

[72] KAMIUCHI, HISASHI, JP

[72] KAMEYAMA, MITSUO, JP

[71] JAPAN BLUE ENERGY CO., LTD., JP

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[86] 2018-09-27 (PCT/JP2018/035966)

[87] (WO2019/065851)

[30] JP (2017-191607) 2017-09-29

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[51] Int.Cl. B01D 53/14 (2006.01)

[25] EN

[54] CONVERSION EQUIPMENT FOR FLUE GAS DESULFURIZATION SYSTEMS AND METHODS OF CONVERTING CALCIUM-BASED FLUE GAS DESULFURIZATION SYSTEMS

[54] EQUIPEMENT DE CONVERSION POUR SYSTEMES DE DESULFURATION DES GAZ DE COMBUSTION ET PROCEDES DE CONVERSION DE SYSTEMES DE DESULFURATION DES GAZ DE COMBUSTION A BASE DE CALCIUM

[72] STOLZMAN, BARRY WAYNE, US

[72] MENGELE, MICHAEL LYN, US

[72] HAMMER, MICHAEL TOM, US

[71] MARSULEX ENVIRONMENTAL TECHNOLOGIES CORPORATION, US

[85] 2020-03-27

[86] 2018-10-08 (PCT/US2018/054849)

[87] (WO2019/071255)

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[51] Int.Cl. G06Q 20/00 (2012.01)

[25] EN

[54] A METHOD FOR PRODUCING A PRODUCT BY WAY OF A DRINKS PREPARATION MACHINE, A SYSTEM FOR CARRYING OUT THE METHOD AND A MACHINE BACK END FOR A DRINKS PREPARATION MACHINE

[54] PROCEDE DE FABRICATION D'UN PRODUIT AU MOYEN D'UNE MACHINE DE PREPARATION DE BOISSONS, SYSTEME POUR L'EXECUTION DU PROCEDE ET DISPOSITIF DORSAL POUR UNE MACHINE DE PREPARATION DE BOISSONS

[72] KROSS, FRIEDRICH, CH

[72] FRANKE, DOMINIK, CH

[71] TCHIBO GMBH, DE

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[86] 2018-11-06 (PCT/EP2018/080232)

[87] (WO2019/091941)

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[25] EN

[54] BIOPSY TISSUE SAMPLE CASSETTE AND RELATED SYSTEMS AND METHODS

[54] CASSETTE POUR ECHANTILLONS DE TISSU DE BIOPSIE ET SYSTEMES ET PROCEDES ASSOCIES

[72] EVANS, MARK S., US

[72] IVIE, MICHAEL ANDREW, US

[71] LEAVITT MEDICAL, INC., US

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[86] 2018-08-29 (PCT/US2018/048608)

[87] (WO2019/046466)

[30] US (62/551,683) 2017-08-29

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[51] Int.Cl. G01F 1/10 (2006.01) G01F 15/14 (2006.01)

[25] EN

[54] FLOW METER WITH ROTOR ASSEMBLY

[54] DEBITMETRE A ENSEMBLE ROTOR

[72] NEILSON, THOMAS, US

[72] VINCENT, GORDON, US

[72] KABIR, OMAR M., US

[72] DRAKE, TREYTON, US

[71] CAMERON TECHNOLOGIES LIMITED, NL

[85] 2020-03-27

[86] 2017-09-22 (PCT/US2017/053043)

[87] (WO2018/063941)

[30] US (15/277,901) 2016-09-27

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  - [25] EN
  - [54] MATERIALS AND METHODS FOR RECOVERING OIL FROM OIL SANDS
  - [54] MATERIAUX ET PROCEDES DE RECUPERATION DU PETROLE PRESENT DANS DES SABLES BITUMINEUX
  - [72] FARMER, SEAN, US
  - [72] ALIBEK, KEN, US
  - [72] KARATHUR, KARTHIK N., US
  - [71] LOCUS OIL IP COMPANY, LLC, US
  - [85] 2020-03-27
  - [86] 2018-09-24 (PCT/US2018/052427)
  - [87] (WO2019/067356)
  - [30] US (62/563,981) 2017-09-27
  - [30] US (62/611,114) 2017-12-28
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- [51] Int.Cl. F01L 1/24 (2006.01) F01L 1/08 (2006.01) F01L 1/18 (2006.01) F01L 1/46 (2006.01) F01L 9/02 (2006.01)
- [25] EN
- [54] ACTIONNEUR HYDRAULIQUE DE SOUPAPE A REGENERATION
- [54] REGENERATIVE VALVE HYDRAULIC ACTUATOR
- [72] RABHI, VIANNEY, FR
- [71] RABHI, VIANNEY, FR
- [85] 2020-03-30
- [86] 2018-10-01 (PCT/FR2018/052405)
- [87] (WO2019/069000)
- [30] FR (1759206) 2017-10-02

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- [51] Int.Cl. A61K 48/00 (2006.01)
  - [25] EN
  - [54] METHODS, COMPOSITIONS, AND IMPLANTABLE ELEMENTS COMPRISING ACTIVE CELLS
  - [54] PROCEDES, COMPOSITIONS ET ELEMENTS IMPLANTABLES COMPRENANT DES CELLULES ACTIVES
  - [72] SEWELL, JERED A., US
  - [72] CARMONA, GUILLAUME, US
  - [72] GONZALEZ, FRANCISCO CABALLERO, US
  - [72] HEIDEBRECHT, RICHARD, US
  - [72] MILLER, ROBERT JAMES, US
  - [72] OBERLI, MATTHIAS ALEXANDER, US
  - [72] PERITT, DAVID, US
  - [72] SMITH, DEVYN MCKINLEY, US
  - [72] VEISEH, OMID, US
  - [72] WOTTON, PAUL KEVIN, US
  - [71] SIGILON THERAPEUTICS, INC., US
  - [85] 2020-03-27
  - [86] 2018-09-27 (PCT/US2018/053191)
  - [87] (WO2019/067766)
  - [30] US (62/652,882) 2018-04-04
  - [30] US (62/652,881) 2018-04-04
  - [30] US (62/563,877) 2017-09-27
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- [51] Int.Cl. C07C 45/45 (2006.01) C10L 1/02 (2006.01)
- [25] EN
- [54] METHOD FOR PRODUCING KETONES FOR FUEL AND OIL APPLICATIONS
- [54] PROCEDE DE PRODUCTION DE CETONES POUR DES APPLICATIONS DANS DES CARBURANTS ET DES HUILES
- [72] KANERVO, JAANA, FI
- [72] TOPPINEN, SAMI, FI
- [72] NURMI, PEKKA, FI
- [71] NESTE OYJ, FI
- [85] 2020-03-30
- [86] 2018-12-13 (PCT/FI2018/050913)
- [87] (WO2019/122511)
- [30] FI (20176135) 2017-12-19

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- [51] Int.Cl. C09K 8/60 (2006.01) A01N 47/44 (2006.01) C09K 8/035 (2006.01)
  - [25] EN
  - [54] TREATMENT OF CIRCULATING WATER SYSTEMS INCLUDING WELL TREATMENT FLUIDS FOR OIL AND GAS APPLICATIONS
  - [54] TRAITEMENT DE SYSTEMES DE CIRCULATION D'EAU COMPRENANT DES LIQUIDES DE TRAITEMENT DE PUITS POUR LES APPLICATIONS PETROLIERES ET GAZIERES
  - [72] WENTWORTH, CHRISTY COLLEEN, US
  - [71] ITALMATCH CHEMICALS GB LIMITED, GB
  - [85] 2020-03-27
  - [86] 2018-10-03 (PCT/US2018/054080)
  - [87] (WO2019/070794)
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- [54] SUBSTITUTED PYRIMIDINE PIPERAZINE COMPOUND AND USE THEREOF
- [54] COMPOSE DE PYRIMIDINE PIPERAZINE SUBSTITUE ET SON UTILISATION
- [72] JIN, CHUANFEI, CN
- [72] ZHONG, WENHE, CN
- [72] LIANG, HAIPING, CN
- [72] ZHANG, YINGJUN, CN
- [71] SUNSHINE LAKE PHARMA CO., LTD., CN
- [71] NORTH & SOUTH BROTHER PHARMACY INVESTMENT COMPANY LIMITED, CN
- [85] 2020-03-30
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- [54] METHODES ET COMPOSITIONS POUR LA DETECTION D'ACIDES NUCLEIQUES
- [72] RAJAGOPAL, ADITYA, US
- [72] MACDONALD, CHRISTOPHER, US
- [71] AMYGDALA NEUROSCIENCES, INC., US
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- [86] 2018-10-15 (PCT/US2018/055927)
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- [54] ACCELERATEURS DE DURCISSEMENT POUR COMPOSITIONS DURCISSABLES PAR VOIE ANAEROBIE
- [72] BIRKETT, DAVID, IE
- [72] O'DWYER, PAT, IE
- [72] CONDRON, DAVID, IE
- [72] MONGEY, HILARY, IE
- [71] HENKEL IP & HOLDING GMBH, DE
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- [54] SEQUENCES BACTERIENNES GUIDES POUR L'EXPRESSION DE PROTEINES PERiplasmiques
- [72] COLEMAN, RUSSELL J., US
- [71] PFENEX INC., US
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- [72] KLEYMANN, GERALD, DE
- [72] GEGE, CHRISTIAN, DE
- [71] INNOVATIVE MOLECULES GMBH, DE
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- [54] INSECT TRAPPING
- [54] PIEGEAGE D'INSECTES
- [72] PLAUT, RUDOLF, GB
- [71] PLAUT, RUDOLF, GB
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- [25] EN
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- [54] CIRCUIT DE MEMOIRE AVEC PARTIE DE DERIVATION D'Ecriture
- [72] HORNER, JEREMY WILLIAM, US
- [72] HERR, QUENTIN P., US
- [71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
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- [51] Int.Cl. A61K 31/445 (2006.01) A61K 31/4545 (2006.01) A61K 31/5377 (2006.01)
- [25] EN
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- [54] COMPOSES DEUTERES UTILISES COMME IMMUNOMODULATEURS
- [72] FAN, PINGCHEN, US
- [72] LUI, REBECCA M., US
- [72] MALI, VENKAT REDDY, US
- [72] SINGH, RAJINDER, US
- [72] ZENG, YIBIN, US
- [72] ZHANG, PENGLIE, US
- [71] CHEMOCENTRYX, INC., US
- [85] 2020-03-27
- [86] 2018-10-29 (PCT/US2018/058027)
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[25] EN  
[54] CONTROLLED ENERGY  
STORAGE BALANCE  
TECHNOLOGY  
[54] TECHNOLOGIE D'EQUILIBRE DE  
STOCKAGE D'ENERGIE  
COMMANDÉE  
[72] SHUY, GEOFFREY WEN-TAI, TW  
[72] CHANG, WEN TIEN, TW  
[72] LI, CHANG HORANG, TW  
[72] LEE, ZHEN HUI, TW  
[72] GUO, ZHENG ZHAO, TW  
[72] LO, WEN TSUNG, TW  
[71] LT LIGHTING (TAIWAN)  
CORPORATION, TW  
[85] 2020-03-30  
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[30] US (15/796,534) 2017-10-27
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7/144 (2006.01) C07C 11/02 (2006.01)  
[25] EN  
[54] METHOD AND SYSTEM FOR  
LIGHT OLEFIN SEPARATION  
[54] PROCEDE ET SYSTEME DE  
SEPARATION D'OLEFINES  
LEGERES  
[72] LIU, CHUNQING, US  
[72] ZHOU, LUBO, US  
[72] FREY, STANLEY J., US  
[72] WERBA, GREGORY, US  
[72] LISKEY, CARL W., US  
[72] ALBO, SIMON E., US  
[72] PHAM, TRUNG, US  
[71] UOP LLC, US  
[85] 2020-03-30  
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CUTTING PIECE, AND  
ASSOCIATED EQUIPMENT  
[54] PROCEDE DE TRAITEMENT D'UN  
ELEMENT DE COUPE, ET  
EQUIPEMENT ASSOCIE  
[72] CHATEAU, FREDERIC, FR  
[72] JEANNEAU, JULIEN, FR  
[72] RICHET, PIERRE, FR  
[72] SPONEM, FLORENT, FR  
[71] ARCELORMITTAL, LU  
[85] 2020-03-30  
[86] 2018-11-15 (PCT/IB2018/058989)  
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NATURAL GAS LIQUID  
RECOVERY PLANTS  
[54] MISE EN UVRE PAR PHASES  
D'USINES DE RECUPERATION DE  
LIQUIDES DE GAZ NATURELS  
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[71] FLUOR TECHNOLOGIES  
CORPORATION, US  
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[54] DEVICE AND METHOD FOR REPLACING MITRAL VALVE
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[72] ROWE, STANTON J., US
[72] CHAU, MARK, US
[72] NGUYEN, SON V., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[72] BANDURIC, RICHARD, US
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[25] EN
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[54] ENSEMBLE OUTIL COMPRENANT UN MANCHE UNIVERSEL ET DES TETES D'OUTIL INTERCHANGEABLES
[72] BALZ, ERIC R., US
[72] GINGRAS, ERIC, US
[72] LATIMER, SCOTT, US
[72] FINISON, JEREMY B., US
[72] ANDERSON, DAN, US
[72] GILBERTSON, SARAH, US
[71] ECOLAB USA INC., US
[22] 2016-01-15
[41] 2016-07-21
[62] 2,973,121
[30] US (62/104,173) 2015-01-16

[21] 3,076,717
[13] A1
[51] Int.Cl. G01N 33/574 (2006.01) C12Q 1/6809 (2018.01) C12Q 1/6886 (2018.01) G01N 33/48 (2006.01)
[25] EN
[54] METHOD FOR DETECTION OF CANCER
[54] PROCEDE DE DETECTION D'UN CANCER
[72] OKANO, FUMIYOSHI, JP
[72] SUZUKI, KANA, JP
[71] TORAY INDUSTRIES, INC., JP
[22] 2008-10-23
[41] 2009-04-30
[62] 2,703,356
[30] JP (2007-277697) 2007-10-25
[30] JP (2007-277747) 2007-10-25
[30] JP (2007-279512) 2007-10-26
[30] JP (2007-279580) 2007-10-26
[30] JP (2008-254170) 2008-09-30

[21] 3,076,725
[13] A1
[25] EN
[54] POLYMER PROTEIN MICROPARTICLES
[54] MICROPARTICULES DE PROTEINE ET DE POLYMERES
[72] CHEN, HUNTER, US
[72] WALSH, SCOTT, US
[71] REGENERON PHARMACEUTICALS, INC., US
[22] 2012-11-18
[41] 2013-05-23
[62] 2,855,749
[30] US (61/561,525) 2011-11-18

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<p>[21] <b>3,076,726</b> [13] A1</p> <p>[51] Int.Cl. C09K 3/00 (2006.01) A61K 31/035 (2006.01) A61P 23/02 (2006.01) B01D 11/00 (2006.01) B01F 1/00 (2006.01) B01J 20/22 (2006.01) C08J 9/14 (2006.01) C09K 3/30 (2006.01) C09K 5/04 (2006.01) A61F 7/00 (2006.01)</p> <p>[25] EN</p> <p>[54] COMPOSITIONS CONTAINING FLUORINE SUBSTITUTED OLEFINS</p> <p>[54] COMPOSITIONS CONTENANT DES OLEFINES A SUBSTITUTION FLUOR</p> <p>[72] SINGH, RAJIV R., US [72] PHAM, HANG T., US [72] WILSON, DAVID P., US [72] THOMAS, RAYMOND H., US [72] SPATZ, MARK W., US [72] METCALF, DAVID A., US [71] HONEYWELL INTERNATIONAL INC., US [22] 2006-06-26 [41] 2007-01-04 [62] 2,612,986 [30] US (60/693,853) 2005-06-24 [30] US (11/475,605) 2006-06-26</p>
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<p>[21] <b>3,076,730</b> [13] A1</p> <p>[51] Int.Cl. G01N 33/574 (2006.01) C12Q 1/6809 (2018.01) C12Q 1/6886 (2018.01) C07K 16/18 (2006.01) C07K 16/30 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR DETECTION OF CANCER</p> <p>[54] PROCEDE DE DETECTION D'UN CANCER</p> <p>[72] OKANO, FUMIYOSHI, JP [72] SUZUKI, KANA, JP [71] TORAY INDUSTRIES, INC., JP [22] 2008-10-23 [41] 2009-04-30 [62] 2,703,356 [30] JP (2007-277697) 2007-10-25 [30] JP (2007-277747) 2007-10-25 [30] JP (2007-279512) 2007-10-26 [30] JP (2007-279580) 2007-10-26 [30] JP (2008-254170) 2008-09-30</p>
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<p>[21] <b>3,076,785</b> [13] A1</p> <p>[51] Int.Cl. B65G 17/30 (2006.01) B65G 19/18 (2006.01)</p> <p>[25] EN</p> <p>[54] SOUND DAMPENING CONVEYOR CHAIN FLIGHT</p> <p>[54] RACCORD DE CHAINE DE CONVOYEUR ATTENUANT LE SON</p> <p>[72] O'NEILL, MICHAEL L., US [71] JOY GLOBAL UNDERGROUND MINING LLC, US [22] 2012-08-28 [41] 2013-02-28 [62] 2,788,189 [30] US (13/220,048) 2011-08-29</p>
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<p>[21] <b>3,076,775</b> [13] A1</p> <p>[51] Int.Cl. G10L 19/06 (2013.01) G10L 19/032 (2013.01)</p> <p>[25] EN</p> <p>[54] MODEL BASED PREDICTION IN A CRITICALLY SAMPLED FILTERBANK</p> <p>[54] PREDICTION BASEE SUR UN MODELE DANS UN BLOC DE FILTRES ECHANTILLONNES DE MANIERE CRITIQUE</p> <p>[72] VILLEMOES, LARS, SE [71] DOLBY INTERNATIONAL AB, NL [22] 2014-01-07 [41] 2014-07-17 [62] 3,054,712 [30] US (61/750052) 2013-01-08 [30] US (61/875528) 2013-09-09</p>
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<p>[21] <b>3,076,845</b> [13] A1</p> <p>[51] Int.Cl. G01N 33/574 (2006.01) C12Q 1/6809 (2018.01) C12Q 1/6869 (2018.01) G01N 33/48 (2006.01) G01N 33/74 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR DETECTION OF CANCER</p> <p>[54] PROCEDE DE DETECTION D'UN CANCER</p> <p>[72] OKANO, FUMIYOSHI, JP [72] SUZUKI, KANA, JP [71] TORAY INDUSTRIES, INC., JP [22] 2008-10-23 [41] 2009-04-30 [62] 2,703,356 [30] JP (2007-277697) 2007-10-25 [30] JP (2007-277747) 2007-10-25 [30] JP (2007-279512) 2007-10-26 [30] JP (2007-279580) 2007-10-26 [30] JP (2008-254170) 2008-09-30</p>
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<p>[21] <b>3,076,856</b> [13] A1</p> <p>[25] EN</p> <p>[54] DOWNHOLE PROBE CENTRALIZER</p> <p>[54] CENTREUR DE SONDE DE FORAGE</p> <p>[72] LOGAN, AARON W., CA [72] LOGAN, JUSTIN C., CA [72] DERKACZ, PATRICK R., CA [71] EVOLUTION ENGINEERING INC., CA [22] 2012-12-03 [41] 2014-06-12 [62] 2,892,796</p>
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**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

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<p>[21] <b>3,076,927</b> [13] A1</p> <p>[51] Int.Cl. F02B 71/00 (2006.01) F02B 25/08 (2006.01) F02B 63/04 (2006.01) F02B 71/04 (2006.01)</p> <p>[25] EN</p> <p>[54] HIGH-EFFICIENCY LINEAR COMBUSTION ENGINE</p> <p>[54] MOTEUR A COMBUSTION INTERNE LINEAIRE A HAUT RENDEMENT</p> <p>[72] SIMPSON, ADAM, US</p> <p>[72] MILLER, SHANNON, US</p> <p>[72] SVRCEK, MATT, US</p> <p>[71] MAINSPRING ENERGY, INC., US</p> <p>[22] 2011-11-17</p> <p>[41] 2012-05-31</p> <p>[62] 2,817,970</p> <p>[30] US (12/953,270) 2010-11-23</p> <p>[30] US (12/953,277) 2010-11-23</p> <p>[30] US (13/102,916) 2011-05-06</p> <p>[30] US (13/298,206) 2011-11-16</p>	<p>[21] <b>3,076,967</b> [13] A1</p> <p>[25] EN</p> <p>[54] DEVICE FOR GENERATING BROADCAST SIGNAL FRAME AND METHOD FOR GENERATING BROADCAST SIGNAL FRAME CORRESPONDING TO TIME INTERLEAVER FOR SUPPORTING PLURALITY OF OPERATION MODES</p> <p>[54] DISPOSITIF DE GENERATION DE TRAME DE SIGNAL DE DIFFUSION ET PROCEDE DE GENERATION DE TRAME DE SIGNAL DE DIFFUSION CORRESPONDANT A UN ENTRELACEUR TEMPOREL POUR LA PRISE EN CHARGE D'UNE PLURALITE DE MODES DE FONCTIONNEMENT</p> <p>[72] KIM, HEUNG-MOOK, KR</p> <p>[72] LIM, BO-MI, KR</p> <p>[72] PARK, SUNG-IK, KR</p> <p>[72] KWON, SUN-HYOUNG, KR</p> <p>[72] LEE, JAE-YOUNG, KR</p> <p>[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR</p> <p>[22] 2016-06-30</p> <p>[41] 2017-01-05</p> <p>[62] 2,989,155</p> <p>[30] KR (10-2015-0094316) 2015-07-01</p> <p>[30] KR (10-2015-0111496) 2015-08-07</p> <p>[30] KR (10-2015-0172242) 2015-12-04</p> <p>[30] KR (10-2015-0174246) 2015-12-08</p> <p>[30] KR (10-2016-0073779) 2016-06-14</p>	<p>[21] <b>3,076,975</b> [13] A1</p> <p>[51] Int.Cl. A61K 39/395 (2006.01) A61P 27/06 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS FOR TREATING CONDITIONS ASSOCIATED WITH MASP-2 DEPENDENT COMPLEMENT ACTIVATION</p> <p>[54] METHODES DE TRAITEMENT D'ETATS ASSOCIES A UNE ACTIVATION DU COMPLEMENT DEPENDANT DR MASP-2</p> <p>[72] DEMOPULOS, GREGORY A., US</p> <p>[72] DUDLER, TOM, US</p> <p>[72] SCHWAEBLE, HANS-WILHELM, GB</p> <p>[71] OMEROS CORPORATION, US</p> <p>[71] UNIVERSITY OF LEICESTER, GB</p> <p>[22] 2012-04-06</p> <p>[41] 2012-10-11</p> <p>[62] 2,977,009</p> <p>[30] US (61/473,698) 2011-04-08</p>
		<p>[21] <b>3,076,982</b> [13] A1</p> <p>[51] Int.Cl. C12N 15/55 (2006.01) C12Q 1/6883 (2018.01) C07K 14/515 (2006.01) C12N 9/22 (2006.01) C12N 15/12 (2006.01) C12Q 1/68 (2018.01)</p> <p>[25] EN</p> <p>[54] ALS DIAGNOSTIC METHOD</p> <p>[54] METHODE DE DIAGNOSTIC DE LA SLA</p> <p>[72] GRRENWAY, MATT, IE</p> <p>[72] HARDIMAN, ORLA, IE</p> <p>[71] ROYAL COLLEGE OF SURGEONS IN IRELAND, IE</p> <p>[22] 2005-11-22</p> <p>[41] 2006-05-26</p> <p>[62] 2,838,516</p> <p>[30] GB (0425625.1) 2004-11-22</p>

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[21] **3,076,999**

[13] A1

[51] Int.Cl. A47J 31/00 (2006.01)

[25] EN

[54] A NUTRACEUTICAL  
COMPOUNDING SYSTEM AND  
METHOD THEREFORE  
[54] SYSTEME D'ELABORATION  
D'ALICAMENT ET PROCEDE  
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[72] OCHOA, GIAN-CARLO, US

[72] DUFFY, BRENDAN J., US

[72] TAYLOR, JON, US

[72] VAN DEURSEN, GARY, US

[71] GUDPOD CORP., US

[22] 2013-02-27

[41] 2013-09-06

[62] 2,865,813

[30] US (61/604,410) 2012-02-28

[30] US (61/666,835) 2012-06-30

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[21] **3,077,012**

[13] A1

[51] Int.Cl. H02J 13/00 (2006.01) E03B  
1/02 (2006.01) H04L 9/06 (2006.01)  
H04L 9/08 (2006.01) H04L 9/30  
(2006.01) H04L 12/22 (2006.01)

[25] EN

[54] PHYSICALLY SECURED  
AUTHORIZATION FOR UTILITY  
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[54] AUTORISATION SECURISEE  
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[72] VASWANI, RAJ, US

[72] YEUNG, WILSON CHUEN YEW, US

[72] SEIBERT, CRISTINA, US

[72] BOLYARD, NELSON BRUCE, US

[72] DAMM, BENJAMIN N., US

[72] STJOHNS, MICHAEL C., US

[71] ITRON NETWORKED SOLUTIONS,  
INC., US

[22] 2011-10-11

[41] 2012-05-10

[62] 2,816,989

[30] US (12/939,702) 2010-11-04

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[21] **3,077,059**

[13] A1

[51] Int.Cl. H05B 45/20 (2020.01) F21K  
9/65 (2016.01) H05B 45/40 (2020.01)  
F21S 10/02 (2006.01)

[25] EN

[54] LIGHTING FIXTURE WITH  
SELECTABLE COLOR  
TEMPERATURE

[54] APPAREIL D'ECLAIRAGE A  
TEMPERATURE DE COULEUR  
SELECTIONNABLE

[72] BRUCKNER, BENJAMIN, US

[72] RODRIGUEZ, YAN, US

[71] ABL IP HOLDING LLC, US

[22] 2019-01-28

[41] 2019-07-26

[62] 3,031,800

[30] US (62/622,275) 2018-01-26

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[21] **3,077,069**

[13] A1

[25] EN

[54] INTERFACE ELEMENT FOR  
DENTAL PROSTHESES

[54] ELEMENT D'INTERFACE POUR  
PROTHESES DENTAIRES

[72] XAM-MAR MANGRANE, ESTEBAN,  
ES

[71] XAM-MAR MANGRANE, ESTEBAN,  
ES

[22] 2013-09-23

[41] 2015-03-26

[62] 2,920,441

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[21] **3,077,076**

[13] A1

[25] EN

[54] PRIMED SIPHONIC FLUSH  
TOILET

[54] TOILETTES A CHASSE D'EAU A  
ACTION SIPHONIQUE AMORCEE

[72] MCHALE, JAMES, US

[72] BUCHER, CHRISTOPHE, US

[72] GROVER, DAVID, US

[71] AS AMERICA, INC., US

[22] 2013-11-13

[41] 2014-05-22

[62] 2,891,337

[30] US (61/725,832) 2012-11-13

[30] US (61/810,664) 2013-04-10

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BROWN, MELISSA	2,741,426	CHOI, DOEUNG DAVID	2,995,464	CUENI, RETO	2,798,840
BRUNER, RUSSELL	2,924,403	CHOI, MOO EO	2,909,806	CUMMINGS, DANIEL C.	3,023,096
BUECHTER, DOUG	2,741,426	CHOI, SUNG JU	2,700,024	CURRIE, MICHAEL LEE	2,901,400
BUGAJSKI, MAREK	2,974,968	CHOURAQUI, JEAN	2,918,168	CURRY, BRETT	2,864,008
BUGG, KEVIN	2,720,739	CHOW, CONNIE HIU YING	2,823,295	CURRY, PATRICK	2,886,145
BURBA, JOHN	2,832,908	CHOW, PETER	2,901,400	CUTHBERT, ANDY JOHN	3,010,135
BURGOS GALLEGOS, RAUL	2,778,014	CHRISTENSEN, DAVID M.	2,864,008	DAGESSE, PAUL	3,055,128
BYRNES, THOMAS, JR.	2,886,248	CHUMAKOV, ILYA	2,986,982	DAI, XIULAN	2,995,762
CA CASYSO GMBH	2,985,487	CHUNN, AUSTIN	2,876,527	DALIAN UNIVERSITY OF TECHNOLOGY	2,918,168
CABLE TELEVISION LABORATORIES, INC.	3,057,833	CIBER DE ENFERMEDADES RESPIRATORIAS (CIBERES)	2,866,843	DAMINJANOVIC, ALEKSANDAR	2,947,875
CABLE, ROBERT	2,832,908	CICCARELLI, NICHOLAS J.	2,752,167	DANIELS, BRUCE	2,999,011
CAISSON INTERVENTIONAL, LLC	2,870,550	CIDRA CORPORATE SERVICES INC.	2,897,107	DANNAHER, WILLIAM D.	2,809,424
CAMPOS, LUIS ALBERTO	3,057,833	CINQUIN, SEBASTIEN	2,979,285	DAO, NGOC-DUNG	2,874,081
CANON KABUSHIKI KAISHA	3,025,478	CLAAR, STEVEN	2,809,424	DARBY, IAN	3,025,478
CAPLAN, JAY	2,869,904	CLEM, WILLIAM E.	2,866,843	DATE, ATSUSHI	2,868,500
CARDINALE, MICHAEL	2,867,497	CLEMENTE, MATTHEW J.	2,855,197	DAVE, KAUSHIK J.	2,763,212
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CARL FREUDENBERG KG	3,012,995	CLERC, VINCENT	2,871,903	DAVIES, STEPHEN JOHN	2,934,402
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CARNEVALE, ELLIOT	2,973,724	CLINE, CARRIE	2,896,541	DAY, KELLY	2,836,548
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CARRERE, BERNARD	2,886,298	CNH INDUSTRIAL AMERICA LLC	2,927,388	DECKER, TRENT	2,780,403
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DOI, YASUO	3,026,036	EXXONMOBIL UPSTREAM RESEARCH COMPANY	2,937,226	GADJI, MACOURA	2,760,873
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EDIBLE ARRANGEMENTS, LLC	2,801,674	FERGUSON, PAULA GRAGG	2,966,447	GENKYOTEX SUISSE SA	2,737,550
EGGENSTEIN, MATTHIAS	2,866,956	FIEDLER, GLENN	2,898,846	GENZYME CORPORATION	2,829,693
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EIDSON, BILL C.	2,820,867	FISHEL, MICHAEL	2,874,081	EQUIPMENT COMPANY	2,843,281
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RESEARCH INSTITUTE	2,958,252	FISHER, EVAN J.	2,853,046	GHILARDI, MARIA PIA	2,900,328
		FISHER, KENNETH LEE	2,944,473	GHOSH, SHYAMALI	
		FLAHERTY, J. CHRISTOPHER	2,869,904	(DECEASED)	3,003,884
		FLAMME, INGO	2,854,134	GIAQUINTO, RANDY	2,871,384
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		FLYNN, GREGORY	2,893,023		

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GOOGLE LLC	2,945,360	HANSON, IAN B.	2,866,843	HORNSBY, STEPHEN	2,741,426
GORANOV, BORIS PETROV DOKOV	2,800,939	HARDWICK, STEVE	2,977,488	HORTIN, JUSTIN G.	2,979,285
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JULIA JANE, MONTSERRAT	2,901,865	KORVICK, DONNA L.	2,809,424	LERCHEN, HANS-GEORG	2,922,422
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LOGAN, AARON W.	3,076,856	XAM-MAR MANGRANE, ESTEBAN	3,077,069
LOGAN, JUSTIN C.	3,076,856	YEUNG, WILSON CHUEN YEW	3,077,012
MAINSPRING ENERGY, INC.	3,076,927		
MCHALE, JAMES	3,077,076		
METCALF, DAVID A.	3,076,726		
MILLER, SHANNON	3,076,927		