

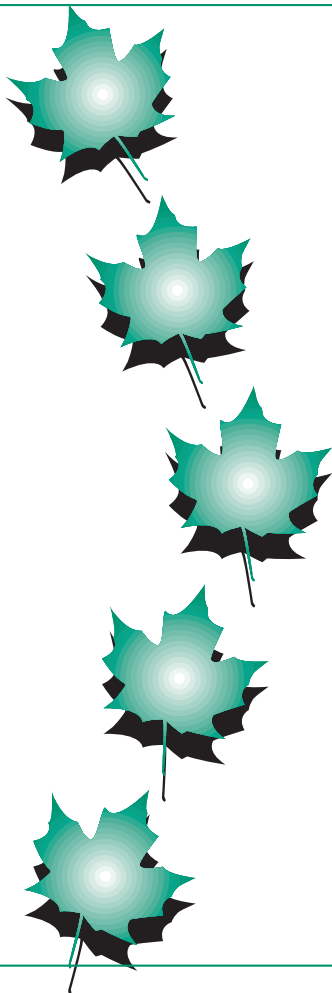


**Canadian  
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d'Industrie Canada



**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

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Vol. 128, N° 35 le 19 septembre 2000

**Canada**



# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

The Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Hull, Canada, to whom all communications other than those concerning subscriptions or requests for single copies should be addressed.

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La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Hull, Canada, à qui doit être adressée toute correspondance autre que les abonnements ou les commandes d'exemplaires séparés.

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The POR has been made available, free of charge, on CIPO's website at [cipo.gc.ca](http://cipo.gc.ca) or [strategis.ic.gc.ca/patents/record](http://strategis.ic.gc.ca/patents/record) since April 1999. Statistics show that many of our clients are making use of this electronic version. Improvements to the electronic format to facilitate speed of download have been implemented. Users now have the choice of downloading the complete document or each section individually. Current editions are posted weekly on Tuesdays and an archive of past editions dating from April 1999 is available as well.

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### Avis important aux abonnés

Veillez noter qu'à compter du numéro daté du 2 novembre 1999, Travaux publics et Services gouvernementaux Canada (TPSGC) a cessé de gérer les abonnements à la *Gazette du Bureau des brevets* (GBB). TPSGC remboursera les abonnés ou leur offrira un crédit pour les numéros non reçus.

Depuis avril 1999, on peut consulter ou télécharger la Gazette, sans frais, à partir du site Web de l'OPIC : [opic.gc.ca](http://opic.gc.ca) ou [strategis.ic.gc.ca/brevets/gazette](http://strategis.ic.gc.ca/brevets/gazette). D'après nos statistiques de nombreux clients utilisent la version électronique. Nous avons récemment modifié le format électronique de la Gazette afin d'améliorer la vitesse de téléchargement. Les utilisateurs ont désormais le choix entre télécharger le document en entier ou des sections individuelles. Les éditions courantes sont publiées tous les mardis et les numéros antérieurs (d'avril 1999 jusqu'à maintenant) sont aussi disponibles.

Dans le but d'éviter toute interruption de service aux clients qui désirent obtenir des exemplaires sur support papier, l'OPIC imprimera, sur demande, un certain nombre de copies. Ce service sera disponible gratuitement jusqu'à nouvel ordre, après quoi des frais s'appliqueront.

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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, 2000 will be shown as 2000-01-02.

#### 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
  
- [43] - Date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said date
  
- [45] - Date of Issue
- [48] - Reissue Grant Date
- [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 en-têtes 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 2000, par exemple, sera représenté par 2000-01-02.

#### Chiffres de code

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

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

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris
- [43] - Date de publication, par impression ou par un procédé similaire, d'un document non examiné, n'ayant encore donné lieu à la délivrance d'aucun titre à la date en question ou avant
- [45] - Date de délivrance
- [48] - Date de redélivrance
- [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] - Noms(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 Codes

A complete list of country codes has been published in the April 25, 2000 issue of the Canadian Patent Office Record and will be published twice a year in the last issues of April and October.

### 3. Canadian Class Titles

A numerical index of the Canadian classification titles will be published in the first issue of January each year.

Anyone desirous of ascertaining what classes are directed to subject matter in which he/she has a particular interest may write to the Patent Office for such information. Related subject matter sometimes appears in different classes and could be missed by those not fully familiar with the classification system. It is also possible to obtain an alphabetical listing of subject matter titles for the various classes by writing a request to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9.

### 4. Class Schedules and Definitions

A schedule (list of subclasses in a class) for any class listed on these pages may be purchased by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. Definitions of the type of subject matter found in any class or subclass may be purchased for most of the classes. The cost of these individual schedules and definitions is 50¢ per page reproduced by the Patent Office.

Those wishing to purchase a complete set of schedules covering all classes, including the Subject Matter Index and separate listings of all class titles, may do so from Micromedia Limited at a cost of \$25 (98 frame microfiche), or \$200 (paper).

### 5. How to Purchase Paper or Microform-copies of Canadian Patents and Canadian Laid-Open Applications

#### A) Paper Copies

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

### 2. Codes des pays

Une liste complète des codes de pays a été publiée dans le numéro du 25 avril 2000 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

### 3. Liste des classes canadiennes

Un index numérique des titres de la classification canadienne sera publié dans le premier numéro de janvier, à chaque année.

Toute personne désirant savoir dans quelles classes sont classifiés les sujets auxquels il/elle porte un intérêt particulier peut se renseigner en écrivant au Bureau des brevets. Des sujets connexes peuvent parfois figurer dans des classes différentes et une personne qui ne serait pas complètement familière avec le système de classification pourrait omettre les classes. On peut également obtenir une liste alphabétique des titres des objets classifiés dans les différentes classes en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9.

### 4. Listes et définitions des classes

Il est possible d'acheter les listes des sous-classes pour chacune des classes énumérées dans ces pages en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. Des définitions selon les sujets se trouvant dans chaque classe ou sous-classe peuvent aussi être achetées pour la plupart des classes. Les prix de ces listes et définitions individuelles est de 0,50 \$ par page reproduite par le Bureau des brevets.

Les personnes qui désirent acheter une série complète des listes couvrant toutes les classes, y compris l'index des sujets et listes distinctes de tous les titres de classes, doivent s'adresser à Micromedia Limited. Le prix est de 25 \$ pour des microfiches à 98 cadres d'image ou de 200 \$ pour des copies sur papier.

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

#### A) Copies sur papier

Les copies sur papier des brevets canadiens, numéros 1 à 445,930, sont disponibles au coût de quatre dollars (4 \$) par copie, en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

## Notices

Paper copies of all Canadian Patents and Canadian Laid-Open Applications can be purchased at a cost of ten dollars (\$10) per copy plus estimated postage and taxes. Copies of these patents are available by writing or calling: Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Toll Free for North America: 1-800-567-1914

E-mail: tic@micromedia.on.ca

### B) Microform Copies

Copies of Canadian Patents from number 445,931 to date and Canadian Laid-Open Applications from number 2,000,001 to date can be purchased from Micromedia Limited at a cost of \$4 each (98 frame microfiche).

Beginning with Canadian Patent number 986,651, annual collections may be purchased from Micromedia Limited in the following categories:

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- Cover pages, claims and drawings of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Full text of Canadian Patents issued weekly in numerical order (16 mm microfilm).

### 6. Orders for Patents By Class or Sub-Class

Micromedia Limited will fill standing orders for all Canadian patents issuing in any class or subclass. Patents issuing after the date of the order will be supplied. Annual fee for this service is \$150 per class.

A charge of ten dollars (\$10) per paper copy, or four dollars (\$4) per microfiche copy, plus postage and taxes, will apply to copies of all patents supplied.

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Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public sont disponibles au coût de dix dollars (10 \$) par copie, plus l'affranchissement et les taxes. Il suffit d'écrire à Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

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Courriel: tic@micromedia.on.ca

### B) Copies en microforme

Les copies des brevets canadiens à partir du numéro 445,931 et des demandes canadiennes mises à la disponibilité, du public à partir du numéro 2,000,001 sont disponibles chez Micromedia Limited au coût de 4 \$ chacune (microfiche à 98 cadres d'image).

On peut également se procurer auprès de Micromedia Limited, à partir du numéro de brevet 986,651, des séries annuelles dans les catégories suivantes:

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- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
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## Avis

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Courriel: tic@micromedia.on.ca

A listing of all patents that have issued in each class or subclass, including patents both in force and expired, may be ordered at a price of 50¢ per page from the Patent Office.

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expirés, peuvent être commandées auprès du Bureau des brevets au prix de 0,50 \$ la page.

### 7. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on request from the Commissioner of Patents, Ottawa-Hull, 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 on request.

### 7. 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-Hull, 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.

### 8. 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-Hull, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

### 8. 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-Hull, 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.

#### 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.

#### 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.

### 9. Patents Available for Licence or Sale

An asterisk (\*) placed beside any patent listed in this issue of the 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 10 of these notices.

### 9. 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. 10 des présents avis.

## Notices

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

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

2,174,376  
2,187,678  
2,242,741

### 11. Expired Patents

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,154,200 which issued on September 19, 1983 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

### 12. Laid-Open Applications

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.

### 13. 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).

### 10. 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

2,174,376  
2,187,678  
2,242,741

### 11. Brevets expirés

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 19 septembre 1983 sont maintenant expirés, jusque et y compris le no. 1,154,200. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

### 12. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposées 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.

### 13. Langue du document publié

Toute personne intéressée d'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.



**Avis**

**14. Patent Cooperation Treaty (PCT)**

**14. Traité de coopération en matière de brevets (PCT)**

**SCHEDULE OF FEES APPLICABLE  
AS OF JUNE 01, 2000**

**BARÈME DE TAXES À PARTIR DU  
1 JUIN 2000**

<b>FEES</b>	<b>AMOUNTS</b>
	\$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b> (Rule 15.2(a))	630.00
Amount for each additional sheet over 30	15.00
3. <b>Designation Fee:</b> (Rule 15.2(a))	136.00
The maximum that can be charged for the Designation Fee is \$1,088.00; therefore, if more than 8 countries are designated the fee remains \$1,088.00	

**4. International Search Fee** 1,353.00  
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 Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

If the fees are not paid within one month from the International Filing Date, the Receiving Office shall invite the Applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the Receiving Office.

**5. Late Payment Fee** 50% of the fees that are due, or,  
Minimum: Transmittal Fee  
Maximum: Basic Fee

**Preliminary Examination**

**6. Handling Fee:** 287.51 Deutsche Marks  
(Rule 57.2(a)) 147.00 Euro Dollars

**7. Preliminary Examination Fee:** 2,998.29 Deutsche Marks  
(Rule 58) 1,533.00 Euro Dollars

The Preliminary Examination Fees are paid in Deutsche Marks or Euro Dollars. They should be paid directly to the European Patent Office in Munich but may now be filed in the Canadian Receiving Office.

\* International fees will be reduced by \$194.00 for all applications filed using PCT-Easy.

<b>TAXES</b>	<b>MONTANTS</b>
	\$
1. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b> (Règle 15.2(a))	630,00
Montant pour chaque feuille au delà de 30	15,00
3. <b>Taxe de désignation</b> (par pays) (Règle 15.2(a))	136,00
Le maximum payable pour la taxe de désignation est de 1 088,00 \$; donc, si plus que 8 pays sont désignés, la taxe demeure 1 088,00 \$.	

**4. Taxe de recherche internationale** 1 353,00  
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 du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à lui payer, dans un délai d'un mois à compter de la date de l'invitation, le montant nécessaire pour couvrir ces taxes, majoré, le cas échéant, de la taxe pour paiement tardif visée à la règle 16bis.2.

**5. Taxe pour paiement tardif** 50% du montant impayé, ou,  
Minimum: taxe de transmission  
Maximum: taxe de base

**Examen préliminaire**

**6. Taxe de traitement:** 287,51 marks allemands  
(Règle 57.2(a)) 147,00 dollars euro

**7. Taxe d'examen préliminaire:** 2 998,29 marks allemands  
(Règle 58) 1 533,00 dollars euro

Les taxes d'examen préliminaire sont payables en Deutsche Marks ou en Euro Dollars. Elles doivent être payées à l'Office européen des brevets mais peuvent être payées au Office Receveur de Canada.

\*Les frais seront réduits par 197,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

## Notices

### 15. PCT Notices

#### **PCT Signature Requirements**

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten). (See PCT -Applicant's Guide, <http://www.wipo.int>).

#### **Patent Cooperation Treaty (PCT)**

Copies of the Patent Cooperation Treaty Applicants Guide and the Patent Cooperation Treaty & Regulations are available from WIPO 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 -World Intellectual Property Organization 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 at [publications.mail@wipo.int](mailto:publications.mail@wipo.int) or visit their website at <http://www.wipo.int>.

### 15. Avis PCT

#### **Exigences des signatures du PCT**

Veillez noter que conformément aux exigences du PCT, l'Office européen des brevets (OEB) réclame que la signature identifie une personne physique dont le nom dactylographié devrait apparaître au-dessous de la signature. Lorsque telle personne signe au nom d'une personne morale, il convient d'indiquer, également en caractères dactylographiques, la qualité du signataire. (Voir le Guide du déposant - PCT, <http://www.wipo.int>).

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

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de l'OMPI 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 - Organisation mondiale de la propriété intellectuelle 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 à [publications.mail@wipo.int](mailto:publications.mail@wipo.int) ou visiter leur site web à <http://www.wipo.int>.

## Avis

### 16. Erratum

Reference to the grant of the following application in the Canadian Patent Office Record of September, 2000 was in error. No patent was issued under this number.

2,153,601

### 17. Laid-Open Applications

The Patent Office Record of September 19, 2000 contains laid-open applications from August 27, 2000 - September 2, 2000 .

### 16. Erratum

Les renseignements fournis sous le numéro de la demande suivante, dans la Gazette du bureau des brevets du 5 septembre 2000, étaient erronés. Aucun brevet n'a été émi sous ce numéro.

2,153,601

### 17. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 27 août 2000 - 2 septembre 2000.

# Canadian Patents Issued

September 19, 2000

## Brevets canadiens délivrés

19 septembre 2000

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[52] 400-5333 117-183 400-5501 400-7401 403-9 [51] <b>Int.Cl. 6C08F 283/00 6C08G 18/70</b> [25] EN [54] <b>STRUCTURES EXHIBITING IMPROVED TRANSMISSION OF ULTRAHIGH FREQUENCY ELECTROMAGNETIC RADIATION AND STRUCTURAL MATERIALS WHICH ALLOW THEIR CONSTRUCTION</b> [54] <b>STRUCTURES QUI AMELIORENT LA TRANSMISSION DES RADIATIONS ELECTROMAGNETIQUES A TRES HAUTE FREQUENCE ET MATERIAU PERMETTANT LEUR CONSTRUCTION</b> [72] Boyd, Jack D., US [72] Sitt, Hermann, US [72] Ryang, Hong-Son, US [72] Biermann, Theodore Frank, US [73] CYTEC TECHNOLOGY CORP., US [21] <b>609,708</b> [22] 1989-08-29 [30] US (07/238,021) 1988-08-29	[51] <b>Int.Cl. 5C07C 51/60 5C07C 53/42 5C07C 57/64</b> [25] EN [54] <b>PREPARATION OF ACYL CHLORIDES</b> [54] <b>METHODE DE PREPARATION DE CHLORURES D'ACYLE</b> [72] Hohmann, Andreas, DE [72] Freudenberg, Enrique, DE [72] Reuther, Wolfgang, DE [72] Mayer, Kurt, DE [73] BASF AKTIENGESELLSCHAFT, DE [22] 1989-10-11 [30] DE (P 38 36 967.2) 1988-10-31	[51] <b>Int.Cl. 5A61H 31/00</b> [25] EN [54] <b>CARDIOPULMONARY RESUSCITATION AND ASSISTED CIRCULATION SYSTEM</b> [54] <b>SYSTEME DE REANIMATION CARDIO-RESPIRATOIRE ET DE CIRCULATION ASSISTEE</b> [72] Halperin, Henry, US [72] Tsitlik, Joshua, US [72] Weisfeldt, Myron, US [72] Gelfand, Mark, US [73] THE JOHNS HOPKINS UNIVERSITY, US [22] 1989-11-20 [30] US (273,810) 1988-11-21
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	[51] <b>Int.Cl. 5C08G 18/70 5B29C 39/00</b> [25] EN [54] <b>CURABLE POLYURETHANE CASTING SYSTEMS AND AMINE HARDENERS THEREFOR</b> [54] <b>SYSTEME DE MOULAGE DE POLYURETHANE DURCISSABLE ET DURCISSEURS AMINES CONNEXES</b> [72] Miyazaki, Teruko, US [73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH [22] 1989-11-17 [30] US (274,081) 1988-11-21	[11] <b>2,010,743</b> [13] C
[11] <b>2,000,015</b> [13] C		[51] <b>Int.Cl. 5H05K 1/18 5H05K 9/00</b> [25] EN [54] <b>PRINTED CIRCUIT BOARD CAPABLE OF PREVENTING ELECTROMAGNETIC INTERFERENCE</b> [54] <b>CARTE DE CIRCUITS IMPRIMES A PROTECTION CONTRE LES PARASITES ELECTROMAGNETIQUES</b> [72] Nakagawa, Katsuya, JP [72] Nagano, Masakazu, JP [72] Higashiyama, Jun, JP [73] NINTENDO CO., LTD., JP [22] 1990-02-22 [30] JP (1-21878) 1989-02-27
[51] <b>Int.Cl. 5C10G 35/04 5C10G 35/12</b> [25] FR [54] <b>PROCEDE DE REFORMAGE CATALYTIQUE DANS PLUSIEURS ZONES REACTIONNELLES A LIT MOBILE COTE A COTE</b> [54] <b>CATALYTIC REFORMING PROCESS</b> [72] De Bonneville, Jean, FR [73] L'INSTITUT FRANCAIS DU PETROLE, FR [22] 1989-10-02 [30] FR (88/14.246) 1988-10-27		

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[51] **Int.Cl. 5H02H 1/04**  
[25] FR  
[54] **DISPOSITIF PARAFONDRE POUR LA PROTECTION DES LIGNES ELECTRIQUES**  
[54] **LIGHTNING PROTECTION DEVICE FOR ELECTRICAL LINES**  
[72] Gazzola, Christian, FR  
[72] Gauchon, Joël, FR  
[72] Marichy, Gérard, FR  
[73] FERRAZ: Société Anonyme, FR  
[22] 1990-02-26

[11] **2,011,292**  
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[51] **Int.Cl. 5B01J 23/00 5C07C 67/38 5B01J 23/38 5C07C 69/54 5C07F 9/58 5C07C 69/602 5B01J 23/70**  
[25] EN  
[54] **CARBONYLATION CATALYST SYSTEM**  
[54] **CATALYSEUR DE CARBONYLAGE**  
[72] Budzelaar, Petrus Henricus Maria, NL  
[72] Drent, Eit, NL  
[72] Jager, Willem Wabe, NL  
[73] SHELL CANADA LIMITED, CA  
[22] 1990-03-01  
[30] GB (8904860.7) 1989-03-03  
[30] GB (9002508.1) 1990-02-05

[11] **2,011,294**  
[13] C

[51] **Int.Cl. 5B01J 23/00 5C07C 53/00 5C07C 69/24 5C07C 67/38 5B01J 23/38 5C07C 69/54 5C07F 9/58 5B01J 23/70**  
[25] EN  
[54] **CARBONYLATION CATALYST SYSTEM**  
[54] **CATALYSEUR DE CARBONYLAGE**  
[72] Drent, Eit, NL  
[72] Budzelaar, Petrus Henricus Maria, NL  
[73] SHELL CANADA LIMITED, CA  
[22] 1990-03-01  
[30] GB (8904860.7) 1989-03-03  
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[11] **2,013,655**  
[13] C

[51] **Int.Cl. 5B60N 2/44**  
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[72] Bishai, Macram N., US  
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[22] 1990-04-02  
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[51] **Int.Cl. 5A61M 25/00**  
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[54] **PRE-CURVED DUAL LUMEN CATHETER**  
[54] **CATHETER A DOUBLE LUMIERE PRE-COURBE**  
[72] Last, Jonathan E., CA  
[72] Martin, Geoffrey S., CA  
[73] Vas-Cath Incorporated, CA  
[22] 1990-04-04

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[13] C

[51] **Int.Cl. 5B01J 10/00 5C22B 9/05 5A23L 3/375**  
[25] FR  
[54] **PROCEDE ET INSTALLATION DE TRAITEMENT D'UN LIQUIDE AVEC UN GAZ**  
[54] **LIQUID TREATMENT INSTALLATION USING A GAS, AND PROCESS FOR THE SAME**  
[72] Garrido, Guillermo, FR  
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES, FR  
[22] 1990-04-09  
[30] FR (89 04746) 1989-04-11

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[51] **Int.Cl. 5F16B 13/04**  
[25] FR  
[54] **ORGANE DE RIVETAGE AVEUGLE, PROCEDE D'ASSEMBLAGE ET ASSEMBLAGES OBTENUS**  
[54] **BLIND RIVETING DEVICE, ASSEMBLING PROCESS AND ASSEMBLIES THUS PRODUCED**  
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[73] Ste Ateliers de la Haute-Garonne-Ets Auriol & Cie, FR  
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[51] **Int.Cl. 5H04N 7/18**  
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[72] Barret, Jacques, FR  
[72] Delteil, Alain, FR  
[73] SAT (Société Anonyme de Télécommunications), FR  
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[72] Piontek, Carl Joseph, US  
[72] Dahl, Arthur Andrew, US  
[72] Hirsch, William Henry, US  
[72] Iversen, Kent Elwood, US  
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[54] **N-HETEROARYL-PURIN-6-AMINES, PROCEDE DE PREPARATION ET UTILISATION COMME MEDICAMENTS**  
[72] Effland, Richard Charles, US  
[72] Klein, Joseph Thomas, US  
[72] Davis, Larry, US  
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[73] HOECHST MARION ROUSSEL, INC., US  
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[30] US (363,837) 1989-06-09

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[13] C

[51] **Int.Cl. 5C01B 33/34**  
[25] EN  
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[54] **METHODE DE PREPARATION D'ALUMINOSILICATES ZEOLITIQUES ET CRISTALLINS**  
[72] Thome, Roland, DE  
[72] Prescher, Dieter, DE  
[72] Schmidt, Hubertus, DE  
[72] Tissler, Arno, DE  
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[13] C

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[54] **PRESSE-PAPIER POUR MACHINE A ECRIRE**  
[72] Gillio, CLaudio, IT  
[73] Ing. C. Olivetti & C., S.p.A., IT  
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[13] C

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[25] FR  
[54] **PROCEDE D'OPTIMISATION DE TUBES MULTI-COUCHES EN MATERIAUX COMPOSITES ET TUBES OBTENUS PAR LE PROCEDE**  
[54] **OPTIMIZATION PROCESS FOR THE MANUFACTURE OF COMPOSITE MATERIAL MULTI-LAYAR TUBES AND TUBES OBTAINED WITH SAID PROCESS**  
[72] Sparks, Charles, FR  
[72] Metivaud, Guy, FR  
[72] Schmitt, Jacques, FR  
[72] Auberon, Marcel, FR  
[73] SOCIÉTÉ AÉROSPATIALE, FR  
[73] L'INSTITUT FRANCAIS DU PETROLE, FR  
[22] 1990-06-20  
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[13] C

[51] **Int.Cl. 5B43M 5/00**  
[25] EN  
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[54] **APPAREIL D'IMBIBITION DE PAPIER**  
[72] Janatka, Karel, US  
[73] Pitney Bowes Inc., US  
[22] 1990-07-03  
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[13] C

[51] **Int.Cl. 5B32B 7/04 5C09J 7/02 5B32B 7/10**  
[25] EN  
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[54] **DISPOSITIF DE LAMINAGE DE RUBAN**  
[72] Longworth, Frederic A., US  
[72] Heil, Robert H., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
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[51] **Int.Cl. 5F25C 3/00**  
[25] EN  
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[54] **MACHINE POUR LA FABRICATION DE SUCETTES GLACEES, DE GLACES A L'EAU ET AUTRES ALIMENTS SEMBLABLES**  
[72] Grigoli, Franco, IT  
[72] Trabacchi, Franco, IT  
[73] S.I.D.A.M Stampi Industria Dolciaria Milano S.r.l., IT  
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[13] C

[51] **Int.Cl. 5B01D 53/22 5B01D 53/26**  
[25] EN  
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[72] Friesen, Dwayne T., US  
[72] Newbold, David D., US  
[72] Ray, Roderick J., US  
[73] Bend Research, Inc., US  
[22] 1990-07-13  
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[51] **Int.Cl. 5A61M 11/00 5A61M 15/00**  
[25] EN  
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[54] **DISTRIBUTEUR AEROSOL**  
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[13] C

[51] Int.Cl. 5B01J 35/10 5C01B 17/04  
[25] EN  
[54] CATALYST FOR THE SELECTIVE OXIDATION OF SULPHUR COMPOUNDS TO ELEMENTAL SULPHUR, PROCESS FOR PREPARING SUCH A CATALYST AND METHOD FOR THE SELECTIVE OXIDATION OF SULPHUR COMPOUNDS TO ELEMENTAL SULPHUR  
[54] CATALYSEUR POUR L'OXYDATION SELECTIVE DE COMPOSES SULFURES EN SOUFRE ELEMENTAIRE; METHODE DE PREPARATION DE CE CATALYSEUR; METHODE POUR L'OXYDATION SELECTIVE DE COMPOSES SULFURES EN SOUFRE ELEMENTAIRE

[72] van den Brink, Peter John, NL  
[72] Geus, John Wilhelm, NL  
[73] VEG-Gasinstituut N.V., NL  
[73] Comprimo B.V., NL  
[22] 1990-07-19  
[30] NL (8901893) 1989-07-21  
[30] NL (8902690) 1989-10-31

[11] 2,021,734  
[13] C

[51] Int.Cl. 5B30B 12/00  
[25] FR  
[54] PROCEDE ET INSTALLATION POUR LE TRAITEMENT DE FUS CONTENANT DES DECHETS  
[54] PROCESS AND FACILITY FOR TREATMENT OF WASTE CONTAINING BARRELS

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[72] Biros, Jean-Louis, FR  
[72] Gontard, Bertrand, FR  
[73] SARP Industries, FR  
[22] 1990-07-23  
[30] FR (89 09970) 1989-07-25

[11] 2,021,956  
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[51] Int.Cl. 5H02G 15/18  
[25] EN  
[54] EXPANDED CABLE JOINT ELASTIC SLEEVES WITH PERMISSIBLE RESIDUAL DEFORMATION AFTER STORAGE  
[54] MANCHON ELASTIQUE POUR EPISSURE DE CABLE AVEC DEFORMATION MINEURE ADMISSIBLE A LA POSE

[72] Portas, Francesco, IT  
[72] Vallauri, Ubaldo, IT  
[73] Societa' Cavi Pirelli S.p.A., IT  
[22] 1990-07-25  
[30] IT (21404 A/89) 1989-08-01

[11] 2,022,133  
[13] C

[51] Int.Cl. 5C07D 231/12 5A61K 31/415  
[25] EN  
[54] MONOCLINIC METAZACHLOR AND ITS PREPARATION  
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[72] KEIL, MICHAEL, DE  
[72] Gueckel, Walter, DE  
[72] Ziegler, Hans, DE  
[72] Wigger, August, DE  
[72] Synnatschke, Gotthard, DE  
[72] Girgensohn, Bjoern, DE  
[73] BASF AKTIENGESSELLSCHAFT, DE  
[22] 1990-07-27  
[30] DE (P 39 25 253.1) 1989-07-29

[11] 2,022,287  
[13] C

[51] Int.Cl. 5C10M 129/26 5C10M 135/04 5C10M 137/14 5C11D 3/20  
[25] EN  
[54] LUBRICATING OIL COMPOSITIONS AND METHODS FOR LUBRICATING GASOLINE-FUELED AND/OR ALCOHOL-FUELED, SPARK-IGNITED ENGINES

[54] COMPOSITIONS D'HUILE DE LUBRIFICATION ET METHODE DE LUBRIFICATION DE MOTEUR A ALLUMAGE COMMANDE A ESSENCE ET/OU ETHANOL  
[72] Zalar, Frank V., US  
[72] Chamberlin, William B., III, US  
[73] THE LUBRIZOL CORPORATION, US  
[22] 1990-07-30  
[30] US (07/387,719) 1989-07-31

[11] 2,022,390  
[13] C

[51] Int.Cl. 5B01D 39/20 5C04B 38/00 5C04B 35/80  
[25] EN  
[54] CERAMIC FOAM FILTERS  
[54] FILTRES DE CERAMIQUE  
[72] Azumi, Shingo, JP  
[73] Foseco International Limited, GB  
[22] 1990-07-31  
[30] GB (8918048) 1989-08-08

[11] 2,024,866  
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[51] Int.Cl. 5E21B 37/00  
[25] FR  
[54] APPAREIL ET INSTALLATION POUR LE NETTOYAGE DE DRAINS, NOTAMMENT DANS UN PUIT DE PRODUCTION PETROLIERE  
[54] APPARATUS AND FACILITY FOR THE CLEANING OF DRAINS, PARTICULARLY IN AN OIL WELL  
[72] Cholet, Henri, FR  
[73] L'INSTITUT FRANCAIS DU PETROLE, FR  
[22] 1990-09-07  
[30] FR (89 11 693) 1989-09-07

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[51] Int.Cl. 5F01L 1/34 5F01L 9/02  
[25] EN  
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[54] DISTRIBUTION VARIABLE POUR MOTEURS A COMBUSTION INTERNE  
[72] Butterfield, Roger P., US  
[72] Smith, Franklin R., US  
[72] Dembosky, Stanley K., US  
[73] Borg-Warner Automotive Transmission & Engine Components Corporation, US  
[22] 1990-10-10  
[30] US (422,353) 1989-10-16  
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19 septembre 2000**

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[51] **Int.Cl. 5G06K 19/073**  
[25] EN  
[54] **DEVICE FOR CONTROLLING COMMUNICATION BETWEEN ELECTRONIC INFORMATION CARDS AND HOST COMPUTER TO BE KEPT IN SECRET**  
[54] **DISPOSITIF POUR CONTROLER LES COMMUNICATIONS DEVANT RESTER SECRETES ENTRE DES CARTES D'INFORMATION ELECTRONIQUES ET UN ORDINATEUR CENTRAL**  
[72] Ieki, Toshiharu, JP  
[72] Kobayashi, Takafumi, JP  
[72] Shimamura, Norio, JP  
[72] Kobayashi, Niichi, JP  
[72] Watanabe, Takeshi, JP  
[73] NTT DATA COMMUNICATIONS SYSTEMS CORPORATION, JP  
[73] Tokyo Tatsuno Co., Ltd., JP  
[22] 1990-10-29  
[30] JP (285,397/1989) 1989-10-31

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[13] C

[51] **Int.Cl. 5A61K 31/66**  
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[54] **PHARMACEUTICAL COMPOSITIONS AND METHODS FOR INHIBITION OF MAILLARD'S REACTION**  
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[72] Inoue, Jun, JP  
[73] SENJU PHARMACEUTICAL CO., LTD., JP  
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[30] JP (304479/1989) 1989-11-21

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[13] C

[51] **Int.Cl. 5A61K 31/575**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF AQUEOUS MIXED MICELLE SOLUTIONS**  
[54] **PROCEDE DE PREPARATION DE SOLUTIONS AQUEUSES CONTENANT UN MELANGE DE MICELLES**  
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[72] Göritz, Detlef, DE  
[72] Michel, Heinrich, DE  
[73] SCHERING AKTIENGESELLSCHAFT, DE  
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[30] DE (P 39 38 030.0) 1989-11-13

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[51] **Int.Cl. 5C08G 16/00 5C08F 220/04 5C08F 226/06 5C08F 222/10**  
[25] EN  
[54] **CROSSLINKED CARBOXYLIC COPOLYMERS USEFUL AS THICKENERS**  
[54] **COPOLYMERES CARBOXYLIQUES A RETICULATION TRANSVERSALE, UTILES COMME EPAISSISSANTS**  
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[72] Reichert, William M., US  
[73] Rheox International Inc., US  
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[13] C

[51] **Int.Cl. 5E06B 3/48**  
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[54] **OVERLAPPING SEAL FOR INSULATED FOLDING DOOR**  
[54] **GARNITURE D'ETANCHEITE POUR PORTE PLIANTE ISOLEE**  
[72] West, Floyd D., US  
[73] Rite-Hite Corporation, US  
[22] 1991-01-08  
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[51] **Int.Cl. 5H05B 6/02 5H05B 6/06 5H05B 6/10**  
[25] EN  
[54] **SYSTEM FOR PRODUCING HEAT IN ALTERNATING MAGNETIC FIELDS**  
[54] **CHAUFFAGE DE CHAMPS MAGNETIQUES ALTERNATIFS**  
[72] McGaffigan, Thomas H., US  
[73] Metcal, Inc., US  
[22] 1991-01-15  
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[51] **Int.Cl. 5G11B 3/58**  
[25] EN  
[54] **TREATMENT DEVICE**  
[54] **DISPOSITIF DE TRAITEMENT**  
[72] Fritsch, Joseph Frederick, IE  
[72] Fritsch, Roxanne Yvonne, IE  
[73] Fritsch, Joseph Frederick, IE  
[73] Fritsch, Roxanne Yvonne, IE  
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[30] IE (248/90) 1990-01-26  
[30] IE (4646/90) 1990-12-21  
[30] IE (4172/90) 1990-11-20

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[13] C

[51] **Int.Cl. 5C09K 5/04 5C07C 19/08 5C09K 3/30**  
[25] FR  
[54] **MELANGES DE DIMETHYLETHER ET DE 1,1,1,2-TETRAFLUOROETHANE ET LEURS APPLICATIONS**  
[54] **MIXTURES OF DIMETHYLETHER AND OF 1,1,1,2-TETRAFLUOROETHANE, AND THEIR APPLICATIONS**  
[72] Arnaud, Didier, FR  
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[51] **Int.Cl. 5H04M 3/22 5H04B 17/00**  
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[54] **METHOD AND CIRCUIT ARRANGEMENT FOR LEVEL MONITORING**  
[54] **METHODE ET AGENCEMENT DE CIRCUIT POUR CONTROLE DE NIVEAU**  
[72] Schenk, Heinrich, DE  
[72] Schnabel, Dirk, DE  
[73] SIEMENS AKTIENGESELLSCHAFT, DE  
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[30] DE (P 40 07 013.1) 1990-03-06

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[51] **Int.Cl. 5C07C 29/151 5C07C 31/04**  
[25] EN  
[54] **METHOD OF PREPARING METHANOL**  
[54] **METHODE DE PREPARATION DU METHANOL**  
[72] Topsoe, Haldor F. A., DK  
[72] Hansen, John B., DK  
[73] Haldor Topsoe A/S, DK  
[22] 1991-03-18  
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[13] C  
[51] **Int.Cl. 5C06B 45/00 5B01F 17/02 5B01F 17/06 5B01F 17/12 5B01F 17/16 5B01F 17/56**  
[25] EN  
[54] **SURFACTANT FOR GASED EMULSION EXPLOSIVE**  
[54] **AGENT TENSIO-ACTIF POUR EXPLOSIF A EMULSION TRAITE PAR GAZ**  
[72] Cranney, Don H., US  
[72] Maxfield, Blake T., US  
[73] Dyno Nobel Inc., US  
[22] 1991-03-19  
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[51] **Int.Cl. 5G06F 7/72**  
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[54] **PROCESSOR CHIP**  
[54] **PUCE A PROCESSEUR**  
[72] Omura, Jimmy K., US  
[73] CYLINK CORPORATION, US  
[22] 1991-04-08  
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[13] C  
[51] **Int.Cl. 5C08L 75/06 5C09K 11/00 5A63B 43/06 5B05D 5/06 5C08L 23/14**  
[25] EN  
[54] **COATING COMPOSITIONS FOR GAME BALLS**  
[54] **COMPOSITIONS DE REVETEMENTS DE BALLE UTILISEES POUR LE JEU**  
[72] Kennedy, Thomas J., US  
[72] Walker, Alan D., US  
[73] SPALDING SPORTS WORLDWIDE, INC., US  
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[51] **Int.Cl. 5B01D 35/16**  
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[54] **FILTRE AUTONETTOYANT**  
[72] Barzuza, Ytzhak, IL  
[73] Barzuza, Ytzhak, IL  
[73] Filtration Ltd., IL  
[22] 1991-05-29  
[30] IL (94630) 1990-06-06

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[13] C  
[51] **Int.Cl. 5F21V 21/00**  
[25] EN  
[54] **SYSTEM FOR INSULATED SUPPORT OF NEON LIGHTS**  
[54] **SYSTEME DE CONSTRUCTION DE SUPPORT ISOLE POUR APPAREILS D'ECLAIRAGE AU NEON**  
[72] Sklar, Albert, US  
[72] Sklar, Barbara, US  
[73] Sklar, Albert, US  
[73] Sklar, Barbara, US  
[22] 1991-05-30  
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[13] C  
[51] **Int.Cl. 6C07K 16/18 6C07K 7/02 6C07K 7/06 5A61K 39/395 5G01N 33/536 5G01N 33/68**  
[25] EN  
[54] **KIT FOR THE SPECIFIC ASSAY OF ANGIOTENSIN II**  
[54] **TROUSSE D'ANALYSE DE L'ANGIOTENSINE II**  
[72] Simon, Dominique, FR  
[72] Marchand, Jean, FR  
[72] Romestand, Bernard, FR  
[72] Fehrentz, Jean-Alain, FR  
[72] Badouaille, Gabriel, FR  
[73] SANOFI-SYNTHELABO, FR  
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[51] **Int.Cl. 5H04B 10/12**  
[25] EN  
[54] **SUBSCRIBER INTERFACE FOR A FIBER OPTIC COMMUNICATIONS TERMINAL**  
[54] **INTERFACE D'ABONNE POUR TERMINAL DE COMMUNICATION A FIBRE OPTIQUE**  
[72] Eames, Thomas R., US  
[73] ALCATEL USA, INC., US  
[22] 1991-07-10  
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[51] **Int.Cl. 5C08F 220/34 5C08F 210/02**  
[25] EN  
[54] **ETHYLENE COPOLYMER AND METHOD OF PRODUCING SAME**  
[54] **COPOLYMERE D'ETHYLENE ET METHODE DE PREPARATION**  
[72] Okada, Tadao, JP  
[72] Ikeno, Hajime, JP  
[72] Ozeki, Yuji, JP  
[72] Higaki, Yoshikazu, JP  
[72] Matsubara, Koshi, JP  
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[25] EN  
[54] **PHARMACEUTICALLY USEFUL ANTHRACENE COMPOUNDS**  
[54] **COMPOSES D'ANTHRACENE UTILES EN PHARMACIE**  
[72] Pineyro-Lopez, Alfredo, MX  
[73] UNIVERSIDAD AUTONOMA DE NUEVO-LEON, MX  
[72] PINEYRO-LOPEZ, ALFREDO, MX  
[22] 1991-07-22  
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[13] C

[51] **Int.Cl. 5C12N 15/12 5G01N 33/72 6C07K 14/805**  
[25] EN  
[54] **PRODUCTION IN BACTERIA AND YEAST OF HEMOGLOBIN AND ANALOGUES THEREOF**  
[54] **PRODUCTION D'HEMOGLOBINE DANS DES BACTERIES ET DES LEVURES ET ANALOGUES**  
[72] Nagai, Kiyoshi, GB  
[72] Hoffman, Stephen J., US  
[72] Looker, Douglas L., US  
[72] Rosendal, Mary S., US  
[72] Stetler, Gary L., US  
[72] Wagenbach, Michael, US  
[73] BAXTER BIOTECH TECHNOLOGY S.A.R.L., CH  
[73] MEDICAL RESEARCH COUNCIL, GB  
[85] 1991-09-30  
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[30] US (379,116) 1989-07-13

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[13] C

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[25] EN  
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[54] **INHIBITEUR DE LA PROTEASE**  
[72] Voerman, Gerard, NL  
[72] Atkinson, Anthony, GB  
[72] Electricwala, Asgar, GB  
[72] Sawyer, Roy T., GB  
[72] Von Sicard, Nils, GB  
[73] Merck Patent GmbH, DE  
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[13] C

[51] **Int.Cl. 5C09D 7/12**  
[25] EN  
[54] **A METHOD FOR THE REDUCTION OR PREVENTION OF TANNIN-STAINING ON A SURFACE SUSCEPTIBLE TO TANNIN-STAINING THROUGH THE USE OF A COMPLEXING AGENT FOR A TRANSITION-METAL ION AND COMPOSITIONS CONTAINING SUCH A COMPLEXING AGENT**  
[54] **UNE METHODE PERMETTANT DE REDUIRE OU DE PREVENIR LA COLORATION AU TANIN D'UNE SURFACE SUSCEPTIBLE DE COLORATION AU TANIN PAR L'EMPLOI D'UN AGENT DE CHELATION A ION DE METAL DE TRANSITION ET COMPOSITIONS CONTENANT UN TEL AGENT DE CHELATION**  
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[72] Harrell, James A., US  
[73] Buckman Laboratories International, Inc., US  
[22] 1991-10-25  
[30] US (603,397) 1990-10-26

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[13] C

[51] **Int.Cl. 5F21L 7/00**  
[25] EN  
[54] **LIGHT CURING DEVICE POWER CONTROL SYSTEM**  
[54] **SYSTEME DE REGLAGE DE L'ALIMENTATION D'UN APPAREIL DE PHOTOPOLYMERISATION**  
[72] Kennedy, John, CA  
[73] EFOS INC., CA  
[22] 1991-12-04

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[13] C

[51] **Int.Cl. 5G03F 7/028 5G03F 7/032**  
[25] EN  
[54] **PHOTOSENSITIVE COMPOSITION CONTAINING WATER AS SOLVENT OR DISPERSANT**  
[54] **SUBSTANCE PHOTOSENSIBLE CONTENANT DE L'EAU COMME SOLVANT OU COMME DISPERSANT**  
[72] Salvin, Roger Pierre-Elie, DE  
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[54] **AIR ADJUSTABLE BED**  
[54] **LIT AVEC DISPOSITIF DE REGLAGE PNEUMATIQUE**  
[72] Walker, Robert A., US  
[73] Select Comfort Corporation, US  
[22] 1992-02-11  
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[13] C

[51] **Int.Cl. 5H01R 39/64**  
[25] EN  
[54] **ROTARY ELECTRICAL CONNECTOR WITH REMOTE MODULAR CONNECTOR**  
[54] **CONNECTEUR ELECTRIQUE ROTATIF AVEC BORNE MODULAIRE A DISTANCE**  
[72] Ditzig, Albert, US  
[73] Telephone Products, Inc., US  
[22] 1992-02-17  
[30] US (722,317) 1991-06-27

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[13] C

[51] **Int.Cl. 5H04Q 3/42**  
[25] EN  
[54] **TWO-STAGE, AT LEAST DOUBLED ATM REVERSING SWITCHING NETWORK HAVING (2N X 2N) SWITCHING MATRICES**  
[54] **RESEAU DE COMMUTATION A INVERSION MTA A DEUX ETAGES A MATRICES DE COMMUTATION 2N X 2N**  
[72] Göldner, Ernst-Heinrich, DE  
[73] SIEMENS AKTIENGESELLSCHAFT, DE  
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[13] C

[51] **Int.Cl. 5E06B 7/096**  
[25] EN  
[54] **LOUVRE CONTROL CONNECTOR**  
[54] **CONNECTEUR DE COMMANDE DE PERSIENNE**  
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[54] **DOSAGE UNITAIRE**  
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[72] Wyatt, John, CA  
[72] Saull, Peter, CA  
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[72] Ball, Mike, CA  
[73] HOFFMANN-LA ROCHE LIMITED,  
CA  
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[13] C  
[51] Int.Cl. 5C12N 15/50 6C07K 14/165  
**5A61K 39/215**  
[25] EN  
[54] **BOVINE CORONAVIRUS  
POLYPEPTIDES AND VACCINES**  
[54] **POLYPEPTIDES ET VACCINS DE  
CORONAVIRUS BOVIN**  
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[72] Cox, Graham J., CA  
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[73] Veterinary Infectious Disease  
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[87] (WO91/02752)  
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[25] EN  
[54] **REINHIBITION OF RECYCLED  
ANTIFREEZE/COOLANT**  
[54] **REPASSIVATION DE LIQUIDE DE  
REFROIDISSEMENT/ANTIGEL  
RECYCLE**  
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[72] Gershun, Aleksei V., US  
[72] Woodward, Stephen M., US  
[73] Prestone Products Corporation, US  
[22] 1992-04-07  
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[51] Int.Cl. 5A45D 40/00 5A45D 40/06  
**5A45D 40/08**  
[25] EN  
[54] **COSMETIC PRODUCT**  
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[72] Thompson, Harold Rand, US  
[73] THE GILLETTE COMPANY, US  
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[87] (WO91/04690)  
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[51] Int.Cl. 5C12P 13/00 5D21H 21/20  
**5C12N 1/20**  
[25] EN  
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ORGANOHALOGEN-CONTAINING  
COMPOUNDS**  
[54] **DESHALOGENATION DE  
COMPOSES ORGANOHALOGENES**  
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[72] Bull, Alan, GB  
[72] Stubbs, Brian M., GB  
[73] HERCULES INCORPORATED, US  
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[51] Int.Cl. 5G06F 3/033  
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[54] **COMPUTER APPARATUS FOR  
BRUSH STYLED WRITING**  
[54] **ORDINATEUR D'ECRITURE  
CALLIGRAPHIQUE**  
[72] Donoghue, Karen, US  
[72] Knowlton, Kenneth C., US  
[73] Wang Laboratories, Inc., US  
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[87] (WO91/10952)  
[30] US (462,001) 1990-01-08

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[13] C  
[51] Int.Cl. 6C07K 14/635 6A61K 38/29  
**5G01N 33/74**  
[25] EN  
[54] **HPTH (1-37) FRAGMENT, ITS  
PRODUCTION, DRUG CONTAINING IT  
AND ITS USE**  
[54] **FRAGMENT DE HPTH (1-37),  
METHODE DE PRODUCTION DU  
FRAGMENT, MEDICAMENT  
RENFERMANT LE FRAGMENT ET  
SON MODE D'UTILISATION**  
[72] Herbst, Franz, DE  
[72] Gagelmann, Michael, DE  
[72] Schulz-Knappe, Peter, DE  
[72] Adermann, Knut, DE  
[72] Forssmann, Wolf-Georg, DE  
[73] HAEMOPEP PHARMA GMBH, DE  
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[13] C  
[51] Int.Cl. 5C08L 81/02 5C08G 75/10  
[25] EN  
[54] **PROCESS FOR PREPARING  
POLY(ARYLENE SULFIDE)  
POLYMERS USING WASTE  
MATERIAL**  
[54] **PROCEDE DE PRODUCTION DE  
POLYMERES A BASE DE SULFURES  
DE POLYARYLENE, A PARTIR DE  
PRODUITS USES**  
[72] Ash, Carlton E., US  
[72] Geibel, Jon F., US  
[73] PHILLIPS PETROLEUM COMPANY,  
US  
[22] 1992-06-23  
[30] US (07/719,852) 1991-06-24

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[13] C  
[51] Int.Cl. 5B62D 53/08  
[25] EN  
[54] **CONCEALED FRAME MOUNTED  
HITCH ASSEMBLY**  
[54] **ATTELAGE A MONTER SUR  
CHASSIS D'AUTOMOBILE,  
DISSIMULE LORSQU'IL N'EST PAS  
UTILISE**  
[72] Colibert, Floyd A., US  
[73] Colibert, Floyd A., US  
[22] 1992-07-02  
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[13] C

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[25] EN  
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[54] **EXTRACTION DE LA PHASE DE PORTEUSE POUR UN EGALISEUR ADAPTATIF**  
[72] Paik, Woo H., US  
[72] Lery, Scott A., US  
[72] Tom, Adam S., US  
[73] GENERAL INSTRUMENT CORPORATION, US  
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[13] C

[51] **Int.Cl. 5A63H 17/00**  
[25] EN  
[54] **MECHANICAL TRANSMISSION FOR TOY AUTOMOBILES**  
[54] **TRANSMISSION MECANIQUE D'AUTOMOBILE POUR ENFANTS**  
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[73] PEG PEREGO PINES S.p.A., IT  
[22] 1992-07-22  
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[13] C

[51] **Int.Cl. 5B65B 41/14 5B65B 43/08 5B65B 47/10**  
[25] EN  
[54] **SERVO METHOD OPERATED INDEXING MOTION PACKAGING MACHINE AND METHOD**  
[54] **METHODE D'EMBALLAGE ET MACHINE A ORGANES DE POSITIONNEMENT COMMANDES PAR SERVOMOTEUR**  
[72] Buchko, Raymond G., US  
[72] Halgren, John A., US  
[73] Rapidpak, Inc., US  
[85] 1992-08-11  
[86] 1991-12-10 (PCT/US91/09279)  
[87] (WO92/10405)  
[30] US (626,278) 1990-12-12  
[30] US (753,218) 1991-08-30  
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[11] **2,079,187**  
[13] C

[51] **Int.Cl. 6C07K 7/06 6A61K 38/08**  
[25] EN  
[54] **CYCLOHEXAPEPTIDYL BISAMINE COMPOUNDS**  
[54] **COMPOSES A BASE DE CYCLOHEXAPEPTIDYLDIAMINE**  
[72] Zambias, Robert A., US  
[72] Bouffard, Frances A., US  
[72] Dropinski, James F., US  
[73] MERCK & CO., INC., US  
[22] 1992-09-25  
[30] US (771,027) 1991-10-01  
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[13] C

[51] **Int.Cl. 5C09K 17/00 5B09B 3/00 5C02F 11/04 5C02F 3/28**  
[25] EN  
[54] **COMPOSITION AND METHOD FOR DEHALOGENATION AND DEGRADATION OF HALOGENATED ORGANIC CONTAMINANTS**  
[54] **COMPOSITION ET METHODE DE DESHALOGENATION ET DEGRADATION DES CONTAMINANTS ORGANIQUES HALOGENES**  
[72] Seech, Alan George, CA  
[72] Cairns, James Ewart, CA  
[72] Marvan, Igor Jiri, CA  
[73] GRACE DEARBORN INC., CA  
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[51] **Int.Cl. 5H03L 7/18**  
[25] EN  
[54] **DIRECT DIGITAL SYNTHESIZER DRIVEN PHASE LOCK LOOP FREQUENCY SYNTHESIZER WITH HARD LIMITER**  
[54] **SYNTHETISEUR DE FREQUENCE A BOUCLE A ASSERVISSEMENT DE PHASE UTILISANT UN SYNTHETISEUR NUMERIQUE DIRECT ET UN LIMITEUR STRICT**  
[72] Gilmore, Robert P., US  
[73] QUALCOMM INCORPORATED, US  
[85] 1992-09-28  
[86] 1990-10-22 (PCT/US90/06058)  
[87] (WO91/15056)  
[30] US (502,101) 1990-03-29

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[11] **2,080,124**  
[13] C

[51] **Int.Cl. 5H04N 5/21**  
[25] EN  
[54] **ANTENNA DIVERSITY RECEIVING SYSTEM FOR ELIMINATING RECEPTION INTERFERENCE IN MOBILE TELEVISION SIGNAL RECEPTION**  
[54] **SYSTEME DE RECEPTION A ANTENNES MULTIPLES ELIMINANT LE BROUILLAGE POUR LA TELEVISION MOBILE**  
[72] Lindenmeier, Heinz, DE  
[72] Hopf, Jochen, DE  
[72] Reiter, Leopold, DE  
[72] Kronberger, Rainer, DE  
[73] FUBA AUTOMOTIVE GMBH, DE  
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[86] 1991-02-08 (PCT/NL91/00020)  
[87] (WO92/14310)

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[11] **2,081,161**  
[13] C

[51] **Int.Cl. 5C08G 63/189 5B01D 27/08**  
[25] EN  
[54] **AUTOMOBILE PARTS AND ENGINE CANISTERS**  
[54] **PIECES D'AUTO ET CARTERS MOTEUR**  
[72] Kojima, Takeshi, JP  
[72] Hatayama, Toshio, JP  
[72] Sasaki, Mie, JP  
[72] Sakai, Kouichi, JP  
[73] Teijin Limited, JP  
[22] 1992-10-22  
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[11] **2,081,210**  
[13] C

[51] **Int.Cl. 5C08L 51/06 5C08L 63/00 5C08K 3/40**  
[25] EN  
[54] **GLASS-REINFORCED GRAFTED BRANCHED HIGHER ALPHA-OLEFINS**  
[54] **ALPHA-OLEFINES SUPERIEURES, RAMIFIEES ET GREFFEES, RENFORCEES DE VERRE**  
[72] Boudreaux, Edwin Jr., US  
[72] Hagenson, Mary Jane, US  
[73] PHILLIPS PETROLEUM COMPANY, US  
[85] 1992-10-22  
[86] 1992-03-19 (PCT/US92/02210)  
[87] (WO92/16582)  
[30] US (674,646) 1991-03-22

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[11] **2,083,425**  
[13] C  
[51] **Int.Cl. 5A61K 7/48**  
[25] FR  
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[54] **COSMETIC PREPARATION FOR SKIN RECONDITIONER**  
[72] Eustatiu, Lucien, FR  
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[22] 1992-11-20

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[11] **2,090,287**  
[13] C  
[51] **Int.Cl. 5B60P 1/36**  
[25] EN  
[54] **MOBILE HYDRAULIC CONVEYOR**  
[54] **TRANSPORTEUR HYDRAULIQUE MOBILE**  
[72] Pettijohn, Michael J., US  
[73] Pettijohn, Michael J., US  
[22] 1993-02-24  
[30] US (07/843,222) 1992-02-28

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[11] **2,092,030**  
[13] C  
[51] **Int.Cl. 5B01D 69/10 5B01D 61/00 5B01D 71/38**  
[25] EN  
[54] **SUPPORT LIQUID MEMBRANE AND SEPARATION PROCESS EMPLOYING SAME**  
[54] **MEMBRANE LIQUIDE IMMOBILISEE ET PROCEDE DE SEPARATION UTILISANT LADITE MEMBRANE**  
[72] Ho, Sa Van, US  
[73] MONSANTO COMPANY, US  
[22] 1993-03-19  
[30] US (07/854,945) 1992-03-20  
[30] US (08/005,471) 1993-02-03

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[13] C  
[51] **Int.Cl. 5C12Q 1/68**  
[25] EN  
[54] **METHOD FOR THE SENSITIVE DETECTION OF NUCLEIC ACIDS**  
[54] **METHODE DE DETECTION SENSIBLE DES ACIDES NUCLEIQUES**  
[72] Kessler, Christoph, DE  
[72] Rueger, Ruediger, DE  
[72] Seibl, Rudolf, DE  
[72] Kruse-Mueller, Cornelia, DE  
[72] Berner, Sibylle, DE  
[73] ROCHE DIAGNOSTICS GMBH, DE  
[85] 1993-04-07  
[86] 1991-10-04 (PCT/EP91/01898)  
[87] (WO92/06216)  
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[30] DE (P 40 38 804.2) 1990-12-05  
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[11] **2,094,392**  
[13] C  
[51] **Int.Cl. 5G01N 1/22 5H01J 49/26**  
[25] EN  
[54] **MASS SPECTROMETER-BASED CONTINUOUS EMISSIONS MONITORING SYSTEM FOR HAZARDOUS WASTE STACK GAS MEASUREMENTS**  
[54] **SYSTEME UTILISANT UN SPECTOMETRE DE MASSE POUR LA SURVEILLANCE CONTINUE DES GAZ D'ECHAPPEMENT DE DECHETS DANGEREUX**  
[72] Bartman, Candace D., US  
[72] Renfroe, James H. Jr., US  
[72] Robards, Henry L. Jr., US  
[72] Connolly, Erin M., US  
[73] MARINE SHALE PROCESSORS, INC., US  
[85] 1993-04-19  
[86] 1991-10-16 (PCT/US91/07449)  
[87] (WO92/07242)  
[30] US (601,299) 1990-10-22

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[11] **2,097,515**  
[13] C  
[51] **Int.Cl. 5G01N 3/08 5G01N 33/34**  
[25] EN  
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[54] **DETECTEUR D'ORIENTATION DE FIBRE**  
[72] Goss, John D., US  
[72] Anderson, Leonard M., US  
[72] Cresson, Thierry M., US  
[72] Chase, Lee M., US  
[73] HONEYWELL-MEASUREX CORPORATION, US  
[85] 1993-06-01  
[86] 1991-12-18 (PCT/US91/09765)  
[87] (WO92/12406)  
[30] US (635,305) 1990-12-28  
[30] US (635,291) 1990-12-28

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[11] **2,099,133**  
[13] C  
[51] **Int.Cl. 5H04R 25/00 5G01S 15/00**  
[25] EN  
[54] **SUPERSONIC BONE CONDUCTION HEARING AID AND METHOD**  
[54] **APPAREIL AUDITIF SUPERSENIQUE A CONDUCTION OSSEUSE ET METHODE D'UTILISATION**  
[72] Lenhardt, Martin L., US  
[72] Clarke, Alex M., US  
[72] Regelson, William, US  
[73] CENTER FOR INNOVATIVE TECHNOLOGY, US  
[85] 1993-06-23  
[86] 1990-12-27 (PCT/US90/07661)  
[87] (WO92/12605)

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[11] **2,100,201**  
[13] C  
[51] **Int.Cl. 5C09D 11/00 5B41J 2/01**  
[25] EN  
[54] **INK, INK-JET RECORDING METHOD, AND INK-JET RECORDING APPARATUS**  
[54] **ENCRE, METHODE D'INSCRIPTION PAR JET D'ENCRE ET APPAREIL D'INSCRIPTION PAR JET D'ENCRE**  
[72] Tochihara, Shinichi, JP  
[72] Sugimoto, Hitoshi, JP  
[72] Sato, Shinichi, JP  
[72] Gotoh, Fumihiko, JP  
[72] Uetuki, Masaya, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1993-07-09  
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[13] C

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[25] EN  
[54] **NOVEL COMPOSITE  
COMPOSITE**  
[72] Drenzek, Paul Joseph, US  
[72] Hilton, Glenn Bagley, US  
[72] Pehlert, Craig Wilbert, US  
[73] BAYER ANTWERPEN N.V., BE  
[22] 1993-07-12  
[30] US (07/912,505) 1992-07-13  
[30] US (08/082,892) 1993-07-01

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[11] **2,100,517**  
[13] C

[51] **Int.Cl. 5B41F 7/00**  
[25] EN  
[54] **LITHOGRAPHIC PRINTING  
PLATES FOR USE WITH LASER-  
DISCHARGE IMAGING APPARATUS  
[54] PLAQUES D'IMPRESSION  
LITHOGRAPHIQUE POUR  
UTILISATION AVEC UN APPAREIL  
IMAGEUR A DECHARGE LASER**  
[72] Nowak, Michael T., US  
[72] Lewis, Thomas E., US  
[72] Robichaud, Kenneth T., US  
[72] Cassidy, Kenneth R., US  
[73] PRESSTEK, INC., US  
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[11] **2,101,675**  
[13] C

[51] **Int.Cl. 5B63C 9/32 5B62B 15/00**  
[25] EN  
[54] **AQUATIC RESCUE DEVICE  
[54] DISPOSITIF DE SAUVETAGE  
AQUATIQUE**  
[72] Beer, Robert C., US  
[73] Angel Guard Products, Inc., US  
[22] 1993-07-30  
[30] US (08/084,803) 1993-06-29

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[11] **2,102,361**  
[13] C

[51] **Int.Cl. 5D04H 1/60**  
[25] EN  
[54] **METHOD OF MAKING MATS OF  
CHOPPED FIBROUS MATERIAL  
[54] METHODE DE FABRICATION DE  
MATELAS AVEC DES MATERIAUX  
FIBREUX EN COPEAUX**  
[72] Simmons, F. Arthur, US  
[72] Elliott, George M., US  
[72] King, Douglas D., US  
[73] Astechnologies, Inc., US  
[22] 1993-11-03  
[30] US (08/095,408) 1993-07-23

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[11] **2,106,768**  
[13] C

[51] **Int.Cl. 6C07K 7/18 6A61K 38/08**  
[25] EN  
[54] **BRADYKININ TYPE PEPTIDES  
[54] PEPTIDES DE TYPE  
BRADYKININE**  
[72] Kyle, Donald J., US  
[72] Hiner, Roger N., US  
[73] SCIOS INC., US  
[85] 1993-09-22  
[86] 1992-04-16 (PCT/US92/03031)  
[87] (WO92/18155)  
[30] US (687,950) 1991-04-19  
[30] US (866,385) 1992-04-14

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[11] **2,107,484**  
[13] C

[51] **Int.Cl. 5C07C 233/17 5C07D 335/06  
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233/60 5C07D 307/79**  
[25] FR  
[54] **NOUVEAUX  
ARYLALKYL(THIO)AMIDES, LEUR  
PROCEDE DE PREPARATION ET LES  
COMPOSITIONS  
PHARMACEUTIQUES QUI LES  
CONTIENNENT**  
[54] **NEW  
ARYLALKYL(THIO)AMIDES, THEIR  
PREPARATION PROCESS AND  
PHARMACEUTICAL COMPOSITIONS  
CONTAINING THEM**  
[72] Langlois, Michel, FR  
[72] Renard, Pierre, FR  
[72] Adam, Gérard, FR  
[73] ADIR ET COMPAGNIE, FR  
[22] 1993-10-01  
[30] FR (92.11671) 1992-10-02

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[51] **Int.Cl. 5C01B 3/44 5B01J 8/32**  
[25] EN  
[54] **SYNTHESIS GAS GENERATION  
STARTUP PROCESS  
[54] METHODE D'AMORCAGE POUR  
LA PRODUCTION DE GAZ DE  
SYNTHESE**  
[72] Say, Geoffrey Rhys, US  
[72] Taylor, James Howard, US  
[72] Long, David Chester, US  
[72] Fiato, Rocco Anthony, US  
[73] EXXON RESEARCH AND  
ENGINEERING COMPANY, US  
[85] 1993-11-19  
[86] 1992-05-14 (PCT/US92/04087)  
[87] (WO92/21608)  
[30] US (711,697) 1991-06-07

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[11] **2,110,834**  
[13] C

[51] **Int.Cl. 5C12Q 1/24 5C12M 1/00  
5C12Q 1/04 5C12M 1/30**  
[25] EN  
[54] **DEVICE AND METHOD FOR  
BREAKING AN AMPOULE  
[54] DISPOSITIF SERVANT A BRISER  
UNE AMPOULE, ET METHODE  
CONNEXE**  
[72] Monthony, James F., US  
[72] Livingston, Dwight, US  
[73] BECTON, DICKINSON AND  
COMPANY, US  
[22] 1993-12-07  
[30] US (08/050,521) 1993-04-21

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[11] **2,114,022**  
[13] C

[51] **Int.Cl. 5G05D 1/06**  
[25] EN  
[54] **VERTICAL CONTROL SYSTEM  
FOR ROTARY WING AIRCRAFT  
[54] SYSTEME DE COMMANDE DE  
DESCENTE-MONTEE POUR AERONEF  
A VOILURE TOURNANTE**  
[72] Gold, Phillip J., US  
[72] Stiles, Lorren, US  
[72] Post, Joseph A., US  
[73] United Technologies Corporation, US  
[85] 1994-01-21  
[86] 1992-07-31 (PCT/US92/06406)  
[87] (WO93/05457)  
[30] US (751,435) 1991-08-28

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[11] **2,114,930**  
[13] C

[51] **Int.Cl. 5H04L 29/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DYNAMIC BANDWIDTH ALLOCATION IN A DIGITAL COMMUNICATION SESSION**  
[54] **METHODE ET APPAREIL D'AFFECTATION DYNAMIQUE DES LARGEURS DE BANDE POUR SYSTEME DE COMMUNICATION NUMERIQUE**  
[72] Duncanson, Jay P., US  
[73] ASCEND COMMUNICATIONS, INC., US  
[85] 1994-02-03  
[86] 1992-08-07 (PCT/US92/06635)  
[87] (WO93/03569)  
[30] US (742,864) 1991-08-08

[11] **2,115,534**  
[13] C

[51] **Int.Cl. 5C08L 23/10 5C08L 23/04 5B32B 27/08 5C08L 23/16**  
[25] EN  
[54] **OLEFIN POLYMER FILMS**  
[54] **PELLICULES POLYMERIQUES D'OLEFINE**  
[72] Giacobbe, James, US  
[73] MONTELL NORTH AMERICA INC., US  
[22] 1994-02-11  
[30] US (08/018,634) 1993-02-17

[11] **2,116,989**  
[13] C

[51] **Int.Cl. 5B60N 2/04**  
[25] EN  
[54] **APPARATUS FOR DRIVING POWER SEAT FOR VEHICLE**  
[54] **DISPOSITIF DE COMMANDE DE REGLAGE DE SIEGE DE VEHICULE AUTOMOBILE**  
[72] Yamakami, Gensaku, JP  
[72] Sakamoto, Takao, JP  
[72] Nemoto, Akira, JP  
[72] Nakahara, Shigeru, JP  
[73] Mitsuba Corporation, JP  
[73] Tachi-S Co., Ltd., JP  
[22] 1994-03-04  
[30] JP (200418/93) 1993-07-20

[11] **2,117,111**  
[13] C

[51] **Int.Cl. 5A61H 35/00 5E03D 9/08**  
[25] EN  
[54] **SANITARY CLEANING APPARATUS**  
[54] **DISPOSITIF DE NETTOYAGE SANITAIRE**  
[72] Matsumoto, Tomohide, JP  
[72] Yonekubo, Hiroaki, JP  
[72] Yoshida, Hiroaki, JP  
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1994-03-07  
[30] JP (5-47686) 1993-03-09  
[30] JP (5-56832) 1993-03-17  
[30] JP (5-221071) 1993-09-06

[11] **2,117,317**  
[13] C

[51] **Int.Cl. 5B65D 47/36 5B65D 41/34**  
[25] EN  
[54] **A HERMETIC CLOSURE IN A CAP ASSEMBLY FOR CONTAINERS EQUIPPED WITH DISPENSER DEVICES**  
[54] **FERMETURE HERMETIQUE DE COUVERCLE DE CONTENANT DISTRIBUTEUR**  
[72] Morini, Emilio, IT  
[73] Bormioli Metalplast S.p.A., IT  
[22] 1994-06-09  
[30] IT (M093U000021) 1993-07-26

[11] **2,117,859**  
[13] C

[51] **Int.Cl. 5C08L 23/10 5C08L 23/02 5C08L 23/04 5C08L 23/16**  
[25] EN  
[54] **COMPOSITIONS OF PROPYLENE POLYMER MATERIALS AND OLEFIN POLYMER MATERIALS WITH REDUCED GLOSS**  
[54] **COMPOSITIONS DE MATERIAUX DE POLYMERE DE PROPYLENE ET DE MATERIAUX DE POLYMERE OLEFINIQUE PEU LUSTRES**  
[72] Eppert, Stanley E., Jr., US  
[73] MONTELL NORTH AMERICA INC., US  
[22] 1994-10-11  
[30] US (08/139,963) 1993-10-20

[11] **2,119,124**  
[13] C

[51] **Int.Cl. 5A61J 1/20 5B65D 25/08**  
[25] EN  
[54] **CANNULA FOR USE IN DRUG DELIVERY SYSTEMS**  
[54] **CANULE POUR SYSTEMES D'ADMINISTRATION DE MEDICAMENTS**  
[72] Bancsi, Joseph A., US  
[72] Eller, Charles, US  
[72] Fowles, Thomas A., US  
[72] Gorman, Brian J., US  
[72] Hebron, Terrence J., US  
[72] Jersild, Charles, US  
[72] Jess, Donald A., US  
[72] Wong, Joseph C. T., US  
[72] Wood, Ray W., US  
[73] BAXTER INTERNATIONAL INC., US  
[85] 1994-03-15  
[86] 1993-07-14 (PCT/US93/06661)  
[87] (WO94/03118)  
[30] US (924,262) 1992-08-03

[11] **2,123,944**  
[13] C

[51] **Int.Cl. 5B32B 31/02**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR FORMING AN OUTWARDLY CURLED LIP ON CYLINDRICAL CONTAINER BODY**  
[54] **PROCEDE ET APPAREIL DE FORMATION DE BORD EXTERIEUR LAMINE SUR DES BOITES CYLINDRIQUES**  
[72] Bacon, John E., US  
[72] Suski, William C., US  
[73] Sonoco Products Company, US  
[22] 1994-05-19  
[30] US (066,848) 1993-05-25

[11] **2,124,881**  
[13] C

[51] **Int.Cl. 5H03L 7/24**  
[25] EN  
[54] **VOLTAGE CONTROLLED OSCILLATOR APPARATUS**  
[54] **OSCILLATEUR COMMANDE PAR LA TENSION**  
[72] Barclay, Michael John, GB  
[73] VTech Communications Ltd., HK  
[22] 1994-06-01  
[30] GB (9311339.7) 1993-06-02

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[11] **2,125,921**  
[13] C

[51] **Int.Cl. 5D21H 25/12**  
[25] EN  
[54] **CAST COATED PAPER FOR INK JET RECORDING, PROCESS FOR PRODUCING THE PAPER AND INK JET RECORDING METHOD USING THE PAPER**  
[54] **PAPIER COUCHE A HAUT BRILLANT POUR L'ENREGISTREMENT A JET D'ENCRE, METHODE DE FABRICATION DE CE PAPIER ET METHODE D'ENREGISTREMENT A JET D'ENCRE UTILISANT CE PAPIER**

[72] Asano, Shinichi, JP  
[72] Ohashi, Hiroyuki, JP  
[72] Kondo, Hiromasa, JP  
[72] Nojima, Kazuhiro, JP  
[72] Imabeppu, Katsuyoshi, JP  
[72] Sakaki, Mamoru, JP  
[72] Suzuki, Eiichi, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1994-06-15  
[30] JP (143587/1993(Pat.)) 1993-06-15  
[30] JP (189517/1993(Pat.)) 1993-07-30  
[30] JP (226938/1993(Pat.)) 1993-09-13

[11] **2,127,276**  
[13] C

[51] **Int.Cl. 5A63F 3/00 5A63F 5/04**  
[25] EN  
[54] **APPARATUS FOR PLAYING A GAME**

[54] **ACCESSOIRE DE JEU**  
[72] Bryson, Paul Howard, GB  
[73] Bryson, Paul Howard, GB  
[85] 1994-06-30  
[86] 1993-01-04 (PCT/GB93/00001)  
[87] (WO93/12848)  
[30] GB (9200109.8) 1992-01-02  
[30] GB (9215536.5) 1992-07-22

[11] **2,129,581**  
[13] C

[51] **Int.Cl. 5G06F 1/24**  
[25] EN  
[54] **RESET RECOVERY IN A MICROPROCESSOR CONTROLLED DEVICE**  
[54] **RETOUR A LA NORMALE APRES UNE REMISE A L'ETAT INITIAL DANS UN DISPOSITIF COMMANDE PAR UN MICROPROCESSEUR**

[72] Goedken, James F., US  
[72] Hammon, Richard L., US  
[73] MOTOROLA, INC., US  
[22] 1994-08-05  
[30] US (08/120,144) 1993-09-10

[11] **2,132,562**  
[13] C

[51] **Int.Cl. 5F16H 59/08**  
[25] EN  
[54] **MANUAL MODIFICATION OF AUTOMATIC MODE SHIFT POINTS**  
[54] **MODIFICATION MANUELLE DES SEUILS DE PASSAGE AU MODE AUTOMATIQUE**

[72] Steeby, Jon A., US  
[73] EATON CORPORATION, US  
[22] 1994-09-21  
[30] US (126,843) 1993-09-22

[11] **2,132,768**  
[13] C

[51] **Int.Cl. 5G03F 7/32 5C23F 11/10**  
[25] EN  
[54] **PHOTORESIST STRIPPERS CONTAINING REDUCING AGENTS TO REDUCE METAL CORROSION**  
[54] **DECAPANTS RENFERMANT DES AGENTS REDUCTEURS POUR ATTENUER LA CORROSION METALLIQUE**

[72] Schwartzkopf, George, US  
[72] Surendran, Geetha, US  
[73] MALLINCKRODT BAKER, INC., US  
[22] 1994-09-23  
[30] US (08/133,680) 1993-10-07

[11] **2,133,832**  
[13] C

[51] **Int.Cl. 5C01G 41/00 5B03B 5/30 5B03B 5/44**  
[25] EN  
[54] **HEAVY LIQUID FOR MATERIAL SEPARATIONS**  
[54] **LIQUEUR DENSE DESTINEE A LA SEPARATION DE MATERIAUX**

[72] Patrick, Jennifer Mary, AU  
[72] Patrick, Vincent Andrew, AU  
[73] Central Chemical Consulting Pty Ltd., AU  
[73] Westralian Sands Ltd., AU  
[73] RGC Mineral Sands Limited, AU  
[73] CRA Exploration Pty Ltd., AU  
[73] Hamersley Iron Pty Ltd., AU  
[73] Consolidated Rutile Ltd., AU  
[73] Stockdale Prospecting Ltd., AU  
[85] 1994-10-06  
[86] 1993-04-07 (PCT/AU93/00151)  
[87] (WO93/19849)  
[30] AU (PL 1764) 1992-04-07

[11] **2,134,457**  
[13] C

[51] **Int.Cl. 5F16L 55/11**  
[25] EN  
[54] **CLOSURE FOR CLOSING A PRESSURIZED MEDIUM FLOW CHANNEL IN A PIPE SYSTEM UNDER PRESSURE**

[54] **DISPOSITIF DE FERMETURE D'UN TUYAU DEBIT MOYEN SOUS PRESSION, DANS UNE TUYAUTERIE SOUS PRESSION**  
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[72] Roith, Reiner, DE  
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[86] 1994-02-25 (PCT/DE94/00179)  
[87] (WO94/20782)  
[30] DE (P 43 06 985.1) 1993-03-05  
[30] DE (P 43 11 629.9) 1993-04-08

[11] **2,137,325**  
[13] C

[51] **Int.Cl. 5D21C 5/02**  
[25] EN  
[54] **METHOD FOR PRODUCING RECYCLED MATERIALS FOR HYGIENIC END USES**  
[54] **METHODE DE PRODUCTION DE MATERIAUX RECYCLES DESTINES A UN USAGE HYGIENIQUE**

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[73] Westvaco Corporation, US  
[22] 1994-12-05  
[30] US (08/188,911) 1994-01-31

[11] **2,138,946**  
[13] C

[51] **Int.Cl. 5F16K 17/04**  
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[54] **SOUPAPE DE SURETE**  
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[72] Edwards, Jeffrey Charles, GB  
[73] Expro North Sea Limited, GB  
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[30] GB (9213371.9) 1992-06-24



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[11] **2,141,679**  
[13] C

[51] **Int.Cl. 6C07K 9/00 6C07J 17/00  
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[72] Kirschner, Gunter, IT  
[72] Manev, Hari, US  
[72] Trimarco, Martino, IT  
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[87] (WO94/03469)  
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[13] C

[51] **Int.Cl. 6F16D 13/00**  
[25] EN  
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RAMP ACTUATOR**  
[54] **EMBAYAGE AVEC  
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ROTULE**

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[73] EATON CORPORATION, US  
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[51] **Int.Cl. 6A21C 11/16**  
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[72] Lechthaler, Jurg, CH  
[72] Rusconi, Luca, CH  
[72] Dos Santos Pousa, Armando, CH  
[72] Meyer, Philippe Paul, CH  
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[11] **2,149,648**  
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[51] **Int.Cl. 6D21C 9/10 6D21C 9/16**  
[25] EN  
[54] **PROCESS FOR  
DELIGNIFICATION OF  
LIGNOCELLULOSE-CONTAINING  
PULP**  
[54] **PROCEDE DE DELIGNIFICATION  
DE PATE CONTENANT DE LA  
LIGNOCELLULOSE**

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[72] Basta, Jiri, SE  
[72] Hällström, Ann-Sofie, SE  
[73] Eka Nobel AB, SE  
[85] 1995-05-17  
[86] 1993-11-25 (PCT/SE93/01019)  
[87] (WO94/12721)  
[30] SE (9203585-6) 1992-11-27  
[30] SE (9300226-9) 1993-01-26

[11] **2,149,649**  
[13] C

[51] **Int.Cl. 6D21C 9/16**  
[25] EN  
[54] **PROCESS FOR BLEACHING OF  
LIGNOCELLULOSE-CONTAINING  
PULP**  
[54] **PROCEDE DE BLANCHIMENT DE  
PATE CONTENANT DE LA  
LIGNOCELLULOSE**

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[72] Hällström, Ann-Sofie, SE  
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[30] SE (9300225-1) 1993-01-26

[11] **2,144,202**  
[13] C

[51] **Int.Cl. 6B65D 5/30**  
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PLIANT**

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[13] C

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[25] EN  
[54] **SANITARY ABSORBENT ARTICLE WITH AN ADHESIVE POSITIONING SYSTEM COVERED BY RELEASE STRIPS LINKED TO ONE ANOTHER AND METHOD AND APPARATUS FOR PACKAGING THE ABSORBENT ARTICLE**  
[54] **ARTICLE ABSORBANT MUNI D'UN SYSTEME ADHESIF DE MAINTIEN EN POSITION RECOUVERT DE BANDES PELABLES LIEES LES UNES AUX AUTRES, ET APPAREIL ET METHODE D'EMBALLAGE DUDIT ARTICLE**  
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[72] Lefebvre, Paul, DE  
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[11] **2,153,292**  
[13] C

[51] **Int.Cl. 6E21C 41/16 6E21B 7/00**  
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[54] **PROCEDE D'EXPLOITATION DE FRONT DE TAILLE**  
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[73] SUNKYONG ENGINEERING & CONSTRUCTION LIMITED, KR  
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[11] **2,154,046**  
[13] C

[51] **Int.Cl. 6D21H 17/62**  
[25] EN  
[54] **METHOD OF SIZING AND AQUEOUS SIZING DISPERSION**  
[54] **METHODE DE COLLAGE PAR DISPERSION AQUEUSE D'UNE SUBSTANCE DE COLLAGE**  
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[72] Hiskens, Ian R., GB  
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[22] 1995-07-17  
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[11] **2,154,851**  
[13] C

[51] **Int.Cl. 6H04N 7/50**  
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[54] **MOTION VECTOR DETECTING METHOD AND SYSTEM FOR MOTION COMPENSATING PREDICTIVE CODER**  
[54] **SYSTEME ET METHODE DE DETECTION DU VECTEUR MOUVEMENT POUR CODEUR PREDICTIF DE COMPENSATION DE MOUVEMENT**  
[72] Moteki, Masataka, JP  
[72] Uetani, Yoshiharu, JP  
[72] Oku, Tadahiro, JP  
[72] Masuda, Tadaaki, JP  
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[11] **2,155,107**  
[13] C

[51] **Int.Cl. 6A61N 1/30**  
[25] EN  
[54] **ACTIVE DRUG DELIVERY DEVICE, ELECTRODE, AND METHOD FOR MAKING SAME**  
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT ACTIF ET METHODE DE PREPARATION**  
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[72] DeNuzzio, John D., US  
[73] BECTON, DICKINSON AND COMPANY, US  
[85] 1995-07-31  
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[30] US (08/012,168) 1993-02-02

[11] **2,155,177**  
[13] C

[51] **Int.Cl. 6G06T 11/00**  
[25] EN  
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[54] **TYPE DE SOURCE BINAIRE A CONFIGURATION GENERALE**  
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[73] ATI TECHNOLOGIES INC., CA  
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[11] **2,159,024**  
[13] C

[51] **Int.Cl. 6B22D 18/06**  
[25] EN  
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[54] **VANNE DE DEPRESSION POUR COQUILLE DE MOULAGE SOUS PRESSION**  
[72] Freeman, Lewis Gene, US  
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[22] 1995-09-25  
[30] US (08/312,324) 1994-09-26

[11] **2,159,076**  
[13] C

[51] **Int.Cl. 6G02F 1/29 6G02C 7/02 6G02C 7/06 6G02C 7/08**  
[25] EN  
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[54] **LENTILLE COMMUTABLE**  
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[73] TTP GROUP PLC, GB  
[85] 1995-09-25  
[86] 1994-04-07 (PCT/GB94/00742)  
[87] (WO94/23334)  
[30] GB (9307241.1) 1993-04-07  
[30] GB (9313952.5) 1993-07-06

[11] **2,160,414**  
[13] C

[51] **Int.Cl. 6G01M 3/06**  
[25] EN  
[54] **DIAGNOSTIC DEVICE FOR DETERMINING THE PNEUMATIC INTEGRITY OF A BUBBLE-TYPE FUEL MEASURING SYSTEM**  
[54] **DISPOSITIF PERMETTANT DE CONTROLER L'INTEGRITE PNEUMATIQUE D'UN INDICATEUR DE NIVEAU DE COMBUSTIBLE A BULLE**  
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[73] PULSE ELECTRONICS, INC., US  
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[13] C  
[51] **Int.Cl. 6D21C 9/00 6D21H 11/00 6D21H 17/00**  
[25] EN  
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[72] Evans, David T., US  
[72] Rietvelt, Antonius F., US  
[72] Wendt, Greg A., US  
[73] Lindsay Wire, Inc., US  
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[87] (WO95/27821)  
[30] US (08/226,735) 1994-04-12

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[13] C  
[51] **Int.Cl. 6B01F 13/00 6A61M 5/178 6B65D 81/32**  
[25] EN  
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[54] **METHODE ET APPAREIL DE PREPARATION ET DE DISTRIBUTION DE CIMENT POUR LES OS**  
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[72] Tanaka, Kazuna, US  
[73] STRYKER TECHNOLOGIES CORPORATION, US  
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[54] **TRANSDUCTEUR MAGNETIQUE IMPLANTABLE POUR APPAREIL AUDITIF**  
[72] Ball, Geoffrey R., US  
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[30] US (08/225,153) 1994-04-08

[11] **2,165,920**  
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[51] **Int.Cl. 6E04C 3/12 6E04C 5/18**  
[25] EN  
[54] **TIMBER BEAM HANGER AND RESULTING BEAM CONNECTION**  
[54] **ETRIER POUR POUTRES DE BOIS ET ASSEMBLAGE ASSOCIE**  
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[22] 1995-12-21  
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[13] C  
[51] **Int.Cl. 6A47C 7/14 6A47C 27/00 6A47C 27/08 6B32B 3/12**  
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[54] **APPAREIL DE SUPPORT ANATOMIQUE AMELIORE**  
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[72] Cazalet, Peter Michael, US  
[72] Wilson, Susan L., US  
[73] SUPRACOR, INC., US  
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[11] **2,166,856**  
[13] C  
[51] **Int.Cl. 6C02F 1/48**  
[25] EN  
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[54] **PROCEDE D'EPURATION DE L'EAU ET APPAREIL CONNEXE**  
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[72] Xu, Haitao, JP  
[73] Remodeling 21 Co., Ltd., JP  
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[13] C  
[51] **Int.Cl. 6A61M 39/10 6A61M 39/16 6A61L 2/18 6A61M 25/18**  
[25] EN  
[54] **BALLOON CATHETER LOCK ADAPTOR**  
[54] **ADAPTATEUR DE BLOCAGE POUR CATHETER A BALLONNET**  
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[73] Minntech Corporation, US  
[85] 1996-01-17  
[86] 1994-07-18 (PCT/US94/08011)  
[87] (WO95/04570)  
[30] US (08/097,891) 1993-07-28

[11] **2,168,300**  
[13] C  
[51] **Int.Cl. 6A41D 13/10 6A41D 19/00**  
[25] EN  
[54] **GRIP CONTROL GLOVE FOR A HANDGUN**  
[54] **GANT DE CONTROLE DE PRISE D'UNE ARME DE POING**  
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[11] **2,170,007**  
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[51] **Int.Cl. 6G10L 9/14**  
[25] EN  
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[54] **DETERMINATION DU GAIN DANS LE CODAGE DES SIGNAUX VOCAUX**  
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[51] **Int.Cl. 6H04L 12/56 6H04L 1/08 6H04Q 7/22**  
[25] EN  
[54] **METHOD FOR PROVIDING ERROR CORRECTION USING SELECTIVE AUTOMATIC REPEAT REQUESTS IN A PACKET-SWITCHED COMMUNICATION SYSTEM**  
[54] **METHODE DE CORRECTION D'ERREUR FAISANT APPEL A UNE REPETITION AUTOMATIQUE SELECTIVE DES DEMANDES DANS UN SYSTEME DE COMMUNICATION A COMMUTATION PAR PAQUETS**  
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[72] Clanton, Christopher L., US  
[72] Tran, Phieu Moc, US  
[72] Scheibel, Robert C., Jr., US  
[73] MOTOROLA, INC., US  
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[87] (WO96/04736)  
[30] US (08/283,085) 1994-07-29

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[11] \* **2,174,376**  
[13] C

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[25] EN  
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[54] **EXPLORATEUR WEB**  
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[72] Lagarde, Konrad Charles, US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
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[13] C

[51] **Int.Cl. 6F04B 53/18 6F25B 31/00**  
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[54] **MECANISME DE LUBRIFICATION POUR COMPRESSEUR A PISTON**  
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[30] JP (7-092735) 1995-04-18

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[11] **2,174,414**  
[13] C

[51] **Int.Cl. 6A61N 1/368**  
[25] EN  
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[54] **CIRCUIT DE MELANGE MULTICAPTEUR POUR STIMULATEUR CARDIAQUE ASSERVI**  
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[72] Hartley, Jesse W., US  
[73] CARDIAC PACEMAKERS, INC., US  
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[87] (WO95/11057)  
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[13] C

[51] **Int.Cl. 6B60T 15/60**  
[25] EN  
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[54] **ROBINET POUR CANALISATION DE FREINAGE PNEUMATIQUE**  
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[72] Boget, Paul J., US  
[73] Union Switch & Signal Inc., US  
[22] 1996-04-23  
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[11] **2,175,167**  
[13] C

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[25] EN  
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[54] **METHODE D'EJECTION DE LIQUIDE FAISANT APPEL A UN ELEMENT MOBILE**  
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[72] Yoshihira, Aya, JP  
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[30] JP (7-128448) 1995-05-26

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[13] C

[51] **Int.Cl. 6A61K 9/107 6B01J 13/00**  
[25] EN  
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[54] **COMPOSITIONS PHARMACEUTIQUES MICROPARTICULAIRES SOUS FORME MICELLAIRE**  
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[73] ISOMED, INC., US  
[85] 1996-04-30  
[86] 1994-11-03 (PCT/US94/12351)  
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[30] US (08/146,747) 1993-11-03

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[11] **2,176,984**  
[13] C

[51] **Int.Cl. 6G06K 19/077**  
[25] EN  
[54] **CAPACITIVE INTERFACE FOR COUPLING BETWEEN A MUSIC CHIP AND AUDIO PLAYER**  
[54] **INTERFACE CAPACITIVE POUR COUPLER UNE PUCE A ENREGISTREMENT MUSICAL ET UN LECTEUR AUDIO**  
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[73] AT&T IPM CORP., US  
[22] 1996-05-21  
[30] US (447,337) 1995-05-22

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[11] **2,177,287**  
[13] C

[51] **Int.Cl. 6B67D 5/378 6F16L 27/08 6F16L 9/18 6B67D 5/36**  
[25] EN  
[54] **FUEL DISPENSING SYSTEM, HOSE ASSEMBLY THEREFORE AND METHODS OF MAKING THE SAME**  
[54] **SYSTEME DE DISTRIBUTION DE CARBURANT, TUYAU FLEXIBLE Y ASSOCIE ET METHODES DE FABRICATION CORRESPONDANTES**  
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[72] Foster, Randy C., US  
[73] DAYCO PRODUCTS, INC., US  
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[87] (WO95/19291)  
[30] US (08/182,924) 1994-01-18

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[11] 2,177,414  
[13] C

[51] Int.Cl. 6G10L 9/00  
[25] EN  
[54] IMPROVED ADAPTIVE  
CODEBOOK-BASED SPEECH  
COMPRESSION SYSTEM  
[54] NOUVEAU SYSTEME DE  
COMPRESSION DE PAROLES  
UTILISANT UNE LISTE DE CODAGE  
ADAPTATIVE  
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[22] 1996-05-27  
[30] US (482,715) 1995-06-07

[11] 2,177,921  
[13] C

[51] Int.Cl. 6C23C 4/10  
[25] EN  
[54] METHOD FOR PRODUCING A TIB  
2-BASED COATING AND THE COATED  
ARTICLE SO PRODUCED  
[54] METHODE POUR L'OBTENTION  
D'UN REVETEMENT TIB-2; ARTICLE  
AVEC REVETEMENT AINSI OBTENU  
[72] Sue, Jiinjen Albert Sue, US  
[72] Tucker, Robert Clark, Jr., US  
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US  
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[30] US (08/489,664) 1995-06-12

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[51] Int.Cl. 6B01D 69/08 6B01D 61/00  
6B01D 67/00 6B01D 69/04 6B01D 69/10  
6B05C 3/18 6B05D 1/40  
[25] EN  
[54] HOLLOW FIBER  
SEMIPERMEABLE MEMBRANE OF  
TUBULAR BRAID AND METHOD FOR  
PRODUCING IT  
[54] MEMBRANE SEMI-PERMEABLE A  
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TRESSE TUBULAIRE ET PROCEDE  
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CA  
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[30] US (170033) 1993-12-20

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[13] C

[51] Int.Cl. 6A61B 17/03  
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OCCLUSIVE COILS  
[54] SERPENTINS POUR OCCLUSION  
VASCULAIRE, RESISTANT A  
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[30] US (08/607,593) 1996-02-27

[11] 2,180,401  
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[51] Int.Cl. 6F16D 65/04  
[25] EN  
[54] SPRING-TYPE RAILROAD BRAKE  
SHOE LOCKING KEY  
[54] CLAVETTE DE SABOT DE FREIN  
A RESSORT DE VEHICULE  
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[72] Shute, Bruce W., US  
[73] WESTINGHOUSE AIR BRAKE  
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[13] C

[51] Int.Cl. 6B60T 17/22 6G01M 17/08  
6G01L 5/28  
[25] EN  
[54] TEST PLATE ADAPTER FOR  
MANUAL SINGLE CAR TESTER  
[54] PLAQUE D'ADAPTATION POUR  
DISPOSITIF D'ESSAI MANUEL DE  
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[72] Gaughan, Edward W., US  
[73] WESTINGHOUSE AIR BRAKE  
COMPANY, US  
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[30] US (08/622,466) 1996-03-25

[11] 2,180,422  
[13] C

[51] Int.Cl. 6F16D 65/04 6F16D 69/04  
[25] EN  
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RESISTANT RAILWAY BRAKE SHOE  
[54] SABOT DE FREIN DE VEHICULE  
FERROVIAIRE RESISTANT A LA  
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[73] WESTINGHOUSE AIR BRAKE  
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[30] US (08/625,179) 1996-03-29

[11] 2,180,916  
[13] C

[51] Int.Cl. 6G01R 33/035  
[25] EN  
[54] PLANER MAGNETIC SENSOR  
COMPRISING A SQUID MADE OF  
SUPERCONDUCTING THIN FILM  
[54] CAPTEUR MAGNETIQUE  
PLANAR COMPORTANT UN SQUID A  
COUCHE MINCE  
SUPRACONDUCTRICE  
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[11] 2,180,917  
[13] C

[51] Int.Cl. 6A61F 13/30  
[25] EN  
[54] METHOD FOR POST FORMING A  
ROUNDED INSERTION END OF A  
TAMPON PLEDGET OF AN OPEN-  
ENDED APPLICATOR  
[54] METHODE DE POST-FACONNAGE  
D'UNE EXTREMITE D'INSERTION  
ARRONDIE POUR LE TAMPON D'UN  
APPLICATEUR A BOUT OUVERT  
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[54] **METHODE ET APPAREIL POUR L'ENTRAINEMENT DES GARDIENS DE BUTS**  
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[13] C

[51] **Int.Cl. 6H04J 14/02**  
[25] EN  
[54] **ACOUSTO-OPTICAL WAVEGUIDE DEVICE, TUNABLE, WITH A POLARIZATION INDEPENDENT RESPONSE, AND A METHOD FOR THE ACOUSTO-OPTICAL PROCESSING OF OPTICAL SIGNALS**  
[54] **GUIDE DE LUMIERE ACCORDABLE A COMMUTATION ACOUSTIQUE A REPONSE INDEPENDANTE DE LA POLARISATION ET METHODE DE TRAITEMENT ACOUSTO-OPTIQUE DE SIGNAUX LUMINEUX**  
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[13] C

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[25] EN  
[54] **DIE MOUNTED UNITIZED LUBRICANT DELIVERY APPARATUS**  
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[11] **2,183,692**  
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[51] **Int.Cl. 6H04N 7/04**  
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[54] **INCLUSION OF AUDIO SIGNAL WITHIN VIDEO SIGNAL, AT BAND EDGES**  
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[51] **Int.Cl. 6E21B 7/08**  
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[54] **OUTIL A CHOCS UTILISE EN FORAGE DIRECTIONNEL**  
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[54] **COMPOSES D'ISOXAZOLINE AGISSANT COMME INHIBITEURS DE 5-LIPOXYGENASE**  
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[11] **2,186,221**  
[13] C

[51] **Int.Cl. 6H04N 7/173 6H04N 7/10**  
[25] EN  
[54] **CUSTOMER PREMISES EQUIPMENT RECEIVES HIGH-SPEED DOWNSTREAM DATA OVER A CABLE TELEVISION SYSTEM AND TRANSMITS LOWER SPEED UPSTREAM SIGNALING ON A SEPARATE CHANNEL**  
[54] **UN EQUIPEMENT DANS LES LOCAUX DE L'UTILISATEUR RECOIT DES DONNEES AVAL A HAUTE VITESSE PAR UN SYSTEME DE TELEVISION PAR CABLE ET TRANSMET DES SIGNAUX AMONT A VITESSE PLUS LENTE, PAR UN CANAL SEPRE**  
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[72] Zabriskie, Kenneth Andrew, US  
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[87] (WO95/27348)  
[30] US (221,336) 1994-03-31

[11] **2,186,279**  
[13] C

[51] **Int.Cl. 6B60K 11/08**  
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[54] **COMPARTIMENT DE MOTEUR DE VEHICULE PERMETTANT L'INTRODUCTION D'AIR**  
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[13] C

[51] Int.Cl. 6G01F 23/296  
[25] EN  
[54] DEVICE FOR MONITORING A  
PREDETERMINED LEVEL OF A  
LIQUID IN A CONTAINER  
[54] DISPOSITIF DE DETECTION D'UN  
NIVEAU PREDETERMINE DE LIQUIDE  
DANS UN CONTENANT  
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[72] Lopatin, Sergej, DE  
[72] Müller, Roland, DE  
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DE  
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[30] DE (195 38 678.7) 1995-10-17

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[13] C

[51] Int.Cl. 6B60T 13/66  
[25] EN  
[54] FREIGHT BRAKE CONTROL FOR  
UNIFORM CAR DECELERATION  
[54] COMMANDE DE FREIN DE  
WAGON-MARCHANDISE ASSURANT  
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[13] C

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[13] C

[51] Int.Cl. 6B60T 13/58  
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OPERATED PARKING BRAKE FOR A  
RAILWAY VEHICLE BRAKE SYSTEM  
[54] FREIN DE STATIONNEMENT A  
COMMANDE PNEUMATIQUE POUR  
VEHICULE FERROVIAIRE  
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[72] Natschke, Scott L., US  
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[11] 2,192,856  
[13] C

[51] Int.Cl. 6G01R 31/02  
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[54] MONITORING OF INTERNAL  
PARTIAL DISCHARGES IN A POWER  
TRANSFORMER  
[54] SURVEILLANCE DES  
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[13] C

[51] Int.Cl. 6B05B 5/04  
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[54] ROTARY ATOMIZING  
ELECTROSTATIC COATING  
APPARATUS  
[54] APPAREIL PULVERISATEUR  
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[30] JP (HEI 8-7264) 1996-01-19

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[13] C

[51] Int.Cl. 6B27C 1/00  
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[54] PLANER WITH POSITIVELY  
LOCKING CUTTERHEAD  
[54] DEGAUCHISSEUSE AVEC  
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[11] 2,194,054  
[13] C

[51] Int.Cl. 6A46B 9/04 6A46B 9/10  
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[54] RESILIENTLY FLEXIBLE  
BRISTLE BEARING HEAD  
TOOTHBRUSH  
[54] BROSSE A DENTS A TETE  
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[11] 2,195,192  
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[51] Int.Cl. 6A23G 3/30  
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LOW LEVELS OF MALTODEXTRIN  
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TENEUR EN MALTO-DEXTRINE  
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[13] C

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[54] **METHOD OF DECK  
CONSTRUCTION USING POLYMER  
PLASTIC LUMBER**  
[54] **CONSTRUCTION DE TERRASSES  
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[13] C

[51] **Int.Cl. 6H04Q 7/38 6H04B 1/69**  
[25] EN  
[54] **CDMA MOBILE  
COMMUNICATION METHOD,  
SYSTEM AND MOBILE STATION  
APPARATUS**  
[54] **PROCEDE ET SYSTEME DE  
COMMUNICATION MOBILE A ACCES  
MULTIPLE PAR CODE DE  
REPARTITION (CDMA) ET  
EQUIPEMENT DE STATION MOBILE**  
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[13] C

[51] **Int.Cl. 6C11D 1/94 6C11D 3/37  
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[54] **GLASS CLEANER  
COMPOSITIONS**  
[54] **COMPOSITIONS POUR  
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[72] Maile, Michael Stephen, US  
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[30] US (08/284,778) 1994-08-02  
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[13] C

[51] **Int.Cl. 6C07D 223/10 6C07D 233/06  
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[25] EN  
[54] **MULTIPLE-SUBSTITUTED  
BLEACH ACTIVATORS**  
[54] **DERIVES DE SUBSTITUTION  
MULTIPLE, ACTIVATEURS DE  
BLANCHIMENT**  
[72] GOSSELINK, Eugene Paul, US  
[72] MIRACLE, Gregory Scot, US  
[72] TAYLOR, Lucille Florence, US  
[72] SIVIK, Mark Robert, US  
[72] WILLEY, Alan David, US  
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[13] C

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[54] **GENERATION D'IMPULSIONS  
SOMBRES**  
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PUBLIC LIMITED COMPANY, GB  
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[13] C

[51] **Int.Cl. 6A61K 31/56 6A61K 31/495**  
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SENSITIZING, NON-OTOTOXIC OTIC  
ANTIBACTERIAL COMPOSITIONS**  
[54] **COMPOSITIONS ANTI-  
BACTERIENNES NON OTOTOXIQUES,  
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[30] US (08/465,048) 1995-06-06

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[11] **2,199,523**  
[13] C

[51] **Int.Cl. 6H01L 21/26**  
[25] EN  
[54] **METHOD OF MANUFACTURING  
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[54] **PROCEDE DE FABRICATION  
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CONDUCTEURS**  
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[13] C

[51] **Int.Cl. 6A61K 7/15**  
[25] EN  
[54] **SOAP-FREE SELF-FOAMING  
SHAVE GEL COMPOSITION**  
[54] **COMPOSITION DE GEL A RASER  
AUTO-MOUSSANTE ET SANS SAVON**  
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[87] (WO96/09032)  
[30] US (310,597) 1994-09-22

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[13] C

[51] Int.Cl. 6H04B 10/18  
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SCRAMBLER WITH ADJUSTABLE  
CHIRP  
[54] BROUILLEUR DE POLARISATION  
A GRANDE VITESSE ET A  
COMPRESSION D'IMPULSION  
REGLABLE  
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[22] 1997-03-18  
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[11] 2,200,502  
[13] C

[51] Int.Cl. 6A61B 5/14  
[25] EN  
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[54] LANCETTE JETABLE  
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[11] 2,200,851  
[13] C

[51] Int.Cl. 6A61K 7/155  
[25] EN  
[54] INHIBITION OF HAIR GROWTH  
[54] INHIBITEUR DE LA POUSSE DES  
POILS  
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[86] 1995-09-21 (PCT/US95/12134)  
[87] (WO96/09806)  
[30] US (314,327) 1994-09-28

[11] 2,201,394  
[13] C

[51] Int.Cl. 6A01M 29/04  
[25] EN  
[54] METHOD AND SYSTEM FOR  
PRESERVATION AGAINST PESKY  
BIRDS AND PEST ANIMALS  
[54] METHODE ET SYSTEME DE  
PROTECTION CONTRE LES OISEAUX  
ET ANIMAUX NUISIBLES  
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[22] 1997-03-27

[11] 2,202,158  
[13] C

[51] Int.Cl. 6A47C 1/02  
[25] EN  
[54] RECLINER CHAIR SEAT  
ASSEMBLY AND METHOD OF  
UPHOLSTERING  
[54] ENSEMBLE POUR FAUTEUIL  
INCLINABLE ET PROCEDE DE  
GARNISSAGE  
[72] LaPOINTE, Larry P., US  
[72] HABEGGER, Douglas A., US  
[72] SAUL, Jonathan R., US  
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[85] 1997-04-08  
[86] 1995-10-12 (PCT/US95/12795)  
[87] (WO96/11608)  
[30] US (319,672) 1994-10-12

[11] 2,202,819  
[13] C

[51] Int.Cl. 6A47C 3/00  
[25] EN  
[54] MODULAR CHAIR AND METHOD  
[54] CHAISE MODULAIRE ET  
METHODE DE FABRICATION  
[72] ROBERTS, Gerald E., US  
[72] THAYER, Adam E., US  
[72] DUSSIA, Ralph J., Jr., US  
[72] CALVERT, William A., Jr., US  
[72] DUTKIEVIC, Duane T., US  
[72] WEST, Charles R., US  
[72] HOFFMAN, Margaret A., US  
[73] LA-Z-BOY INCORPORATED, US  
[22] 1997-04-16  
[30] US (633,427) 1996-04-17

[11] 2,204,034  
[13] C

[51] Int.Cl. 6B60R 5/04  
[25] EN  
[54] CARGO BED UTILITY BOX  
[54] COFFRE DE RANGEMENT POUR  
CAISSE DE VEHICULE UTILITAIRE  
[72] QUIGLEY, Patrick, US  
[72] NIEMI, Karl A., US  
[73] PENDA CORPORATION, US  
[22] 1997-04-29  
[30] US (08/837,691) 1997-04-22

[11] 2,205,165  
[13] C

[51] Int.Cl. 6B29C 45/14 6B29D 31/00  
6A63B 53/04  
[25] EN  
[54] GOLF CLUB HEAD FABRICATION  
METHOD  
[54] PROCEDE DE FABRICATION DE  
TETE DE BATON DE GOLF  
[72] LIU, Jung Ming, TW  
[73] LINPHONE GOLF CO., LTD., TW  
[22] 1997-05-12

[11] 2,205,495  
[13] C

[51] Int.Cl. 6F16D 27/14 6F02D 9/00  
[25] EN  
[54] ELECTROMAGNETIC CLUTCH  
AND ENGINE CONTROL  
[54] EMBRAYAGE  
ELECTROMAGNETIQUE ET  
COMMANDE DE MOTEUR  
[72] REICHLINGER, Gary, US  
[73] REICHLINGER, Gary, US  
[22] 1997-05-26

[11] 2,205,603  
[13] C

[51] Int.Cl. 6H04L 12/26  
[25] EN  
[54] FAULT MONITORING  
[54] DETECTION DE DEFAILLANCES  
[72] O'MALLEY, Michael, GB  
[72] DOWDEN, Antoinette, GB  
[72] CHAPMAN, Steven John, GB  
[72] EDWARDS, Michael John, GB  
[73] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB  
[85] 1997-05-15  
[86] 1995-12-22 (PCT/GB95/03024)  
[87] (WO96/20548)  
[30] EP (94309760.0) 1994-12-23

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[11] **2,205,638**  
[13] C

[51] **Int.Cl. 6H05B 3/56**  
[25] EN  
[54] **FLEXIBLE HEAT TRACING CABLE WITH IMPROVED THERMAL CHARACTERISTICS**  
[54] **CABLE CHAUFFANT SOUPLE A CARACTERISTIQUES THERMIQUES AMELIOREES**  
[72] Heizer, Glenwood F., CA  
[73] Accutron Systems Inc., CA  
[22] 1997-05-16

[11] **2,206,976**  
[13] C

[51] **Int.Cl. 6A24B 3/18 6F16J 15/48**  
[25] EN  
[54] **SPOOL AND SHELL WITH PRESSURIZED FLUID ACTIVATED SEAL**  
[54] **COLONNE PRESSURISEE POUR LE TRAITEMENT DU TABAC**  
[72] GRUBBS, Robert Eugene, US  
[72] CONRAD, Lucas Jones, US  
[72] LOVETTE, James Edward, US  
[73] R.J. Reynolds Tobacco Company, US  
[22] 1997-06-04  
[30] US (08/674,001) 1996-07-01

[11] **2,207,713**  
[13] C

[51] **Int.Cl. 6A23G 3/30**  
[25] EN  
[54] **IMPROVED CHEWING GUM CONTAINING SALATRIM**  
[54] **GOMME A MACHER AMELIOREE CONTENANT DU SALATRIM**  
[72] YATKA, Robert J., US  
[72] BUNCZEK, Michael, US  
[72] URNEZIS, Philip, US  
[72] WOLF, Fred R., US  
[72] MAZUREK, Pamela, US  
[72] MCGREW, Gordon N., US  
[72] SONG, Joo H., US  
[72] MAZZONE, Philip, US  
[73] WM. WRIGLEY JR. COMPANY, US  
[85] 1997-06-13  
[86] 1995-12-01 (PCT/US95/15519)  
[87] (WO96/18309)  
[30] US (PCT/US94/14611) 1994-12-13

[11] **2,208,049**  
[13] C

[51] **Int.Cl. 6H03M 7/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PERFORMING LZW DATA COMPRESSION UTILIZING AN ASSOCIATIVE MEMORY**  
[54] **COMPRESSION DE DONNEES LZW RECOURANT A UNE MEMOIR ASSOCIATIVE**  
[72] COOPER, Albert B., US  
[73] UNISYS CORPORATION, US  
[85] 1997-06-17  
[86] 1995-12-18 (PCT/US95/16615)  
[87] (WO96/21283)  
[30] US (08/366,356) 1994-12-29

[11] **2,208,228**  
[13] C

[51] **Int.Cl. 6D01F 1/04 6D02G 3/02**  
[25] EN  
[54] **ADDITIVE-CONTAINING SYNTHETIC FILAMENTS AND YARNS AND CARPETS INCLUDING SUCH FILAMENTS**  
[54] **FILAMENTS ET FILS SYNTHETIQUES RENFERMANT DES ADDITIFS; TAPIS PRODUITS AVEC CES FILS**  
[72] JONES, Frank R., US  
[72] McINTOSH, Stanley A., US  
[72] LEDFORD, David B., US  
[72] HELMS, Charles F., US  
[72] GASPERSON, G. Daniel, US  
[72] STANKO, Wayne S., US  
[72] BUCHANAN, Karl H., US  
[72] SHORE, Gary W., US  
[73] BASF CORPORATION, US  
[22] 1996-12-03  
[62] 2,191,990  
[30] US (60/012,694) 1996-03-04

[11] **2,209,570**  
[13] C

[51] **Int.Cl. 6H03M 7/00 6G10L 9/18**  
[25] EN  
[54] **ADAPTIVE TRANSFORM CODING SYSTEM, ADAPTIVE TRANSFORM DECODING SYSTEM AND ADAPTIVE TRANSFORM CODING/DECODING SYSTEM**  
[54] **SYSTEME DE CODAGE A TRANSFORMATION ADAPTIF, SYSTEME DE DECODAGE A TRANSFORMATION ADAPTIF ET UN SYSTEME CODAGE/DECODAGE A TRANSFORMATION ADAPTIF**  
[72] TAKAMIZAWA, Yuichiro, JP  
[72] IWADARE, Masahiro, JP  
[73] NEC CORPORATION, JP  
[22] 1997-07-02  
[30] JP (171423/1996) 1996-07-01

[11] **2,209,742**  
[13] C

[51] **Int.Cl. 6B02C 25/00 6A47J 42/38 6A47J 42/40**  
[25] EN  
[54] **MULTIPLE HOPPER GRINDER**  
[54] **MOULIN A TREMIES MULTIPLES**  
[72] EPHRAIM, Daniel R., US  
[72] FORD, David F., US  
[73] BUNN-O-MATIC CORPORATION, US  
[22] 1997-07-07  
[30] US (08/759,474) 1996-12-05

[11] **2,210,014**  
[13] C

[51] **Int.Cl. 6H04N 7/01 6G06F 3/14**  
[25] EN  
[54] **OPTIMIZED COLOR SPACE CONVERSION**  
[54] **OPTIMISATION DES CONVERSIONS DANS L'ESPACE CHROMATIQUE**  
[72] LAKSONO, Indra, CA  
[72] KITAMURA, John, CA  
[72] THUT, Andreas, CA  
[73] ATI TECHNOLOGIES INC., CA  
[22] 1997-07-10  
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[11] 2,210,105  
[13] C

[51] Int.Cl. 6H01R 13/62 6H01R 13/639  
[25] EN  
[54] **PLUG CONNECTOR**  
[54] **CONNEXION ELECTRIQUE**  
[72] BAYER, Thomas K., CA  
[72] BEAMER, Dennis O.R., CA  
[73] BAYER, Thomas K., CA  
[73] BEAMER, Dennis O.R., CA  
[22] 1997-07-10  
[30] US (08/679,009) 1996-07-12

[11] 2,210,360  
[13] C

[51] Int.Cl. 6H04L 29/08 6H04L 12/24  
[25] EN  
[54] **METHOD AND APPARATUS FOR COLLAPSING TCP ACKS ON ASYMMETRICAL CONNECTIONS**  
[54] **METHODE ET APPAREIL DE REDUCTION DES ACCUSES DE RECEPTION SUR LES CONNEXIONS TPC ASYMETRIQUES**  
[72] KESHAV, Srinivasan, US  
[73] AT&T CORP., US  
[22] 1997-07-15  
[30] US (700,709) 1996-08-13

[11] 2,210,678  
[13] C

[51] Int.Cl. 6H05B 6/00 6H05B 6/64  
[25] EN  
[54] **HIGH FREQUENCY HEATING DEVICE WHICH IS SAFE WHEN ITS EXTERIOR IS REMOVED**  
[54] **DISPOSITIF DE CHAUFFAGE HAUTE FREQUENCE SECURITAIRE ENVELOPPE ENLEVEE**  
[72] YAMAUCHI, Hideki, JP  
[72] MURATA, Junji, JP  
[72] HARADA, Keiji, JP  
[72] HAYASHI, Hiroki, JP  
[72] KAWAMURA, Kazuhiko, JP  
[73] Sanyo Electric Co., Ltd., JP  
[22] 1997-07-17  
[30] JP (8-200530) 1996-07-30

[11] 2,217,796  
[13] C

[51] Int.Cl. 6F24H 9/00 6F23C 7/00 6F24H 1/28  
[25] EN  
[54] **WATER HEATER WITH CO-LOCATED FLUE INLET AND OUTLET**  
[54] **CHAUFFE-EAU AVEC CONDUIT D'ECHAPPEMENT ET CANALISATION D'ENTREE D'AIR PLACES AU MEME ENDROIT**  
[72] BOCK, John C., US  
[73] BOCK, John C., US  
[22] 1997-10-28  
[30] US (08/808,137) 1997-02-28

[11] 2,218,052  
[13] C

[51] Int.Cl. 6F41A 19/14 6F41A 17/74  
[25] EN  
[54] **PORTABLE FIREARM**  
[54] **MARTEAU POUR ARME PORTATIVE**  
[72] WELDLE, Helmut, DE  
[72] KNOPFLE, Robert, DE  
[72] BANTLE, Hans-Peter, DE  
[72] ALBRECHT, Hermann, DE  
[73] Heckler & Koch GmbH, DE  
[85] 1997-10-10  
[86] 1996-03-20 (PCT/EP96/01207)  
[87] (WO96/32619)  
[30] DE (295 06 416.1) 1995-04-13

[11] 2,218,824  
[13] C

[51] Int.Cl. 6H01H 43/02  
[25] EN  
[54] **APPLIANCE TIMER HAVING A SWITCHING MECHANISM FOR HIGH-CURRENT CARRYING CIRCUIT BLADES AND ASSOCIATED METHOD**  
[54] **MINUTERIE D'APPAREIL ELECTROMENAGER MUNIE D'UN CONTROLEUR DE CONTACTS MULTIPLES POUR LAMES DE CONTACT A COURANT D'INTENSITE ELEVEE ET METHODE CORRESPONDANTE**  
[72] AMONETT, Daniel K., US  
[73] EMERSON ELECTRIC CO., US  
[22] 1997-11-06  
[30] US (08/805,839) 1997-03-03

[11] 2,220,635  
[13] C

[51] Int.Cl. 6B65B 5/04 6B65B 43/28  
[25] EN  
[54] **APPARATUS FOR FILLING A BAG WITH AN ARTICLE LOADED IN A TRAY**  
[54] **APPAREIL POUR REMPLIR UN SAC AVEC UN ARTICLE CHARGE SUR UN PLATEAU**  
[72] GIESBRECHT, Kenneth P., CA  
[73] GIESBRECHT, Kenneth P., CA  
[22] 1997-11-07  
[30] US (08/803,837) 1997-02-21

[11] 2,222,832  
[13] C

[51] Int.Cl. 6H03H 11/38 6H04M 1/19 6H04Q 7/32 6H04B 1/40  
[25] EN  
[54] **ISOLATOR**  
[54] **ISOLATEUR**  
[72] KAWANAMI, Takashi, JP  
[72] DEJIMA, Hiroki, JP  
[72] MAKINO, Toshihiro, JP  
[73] MURATA MANUFACTURING CO., LTD., JP  
[22] 1997-11-28  
[30] JP (8-319018) 1996-11-29

[11] 2,223,236  
[13] C

[51] Int.Cl. 6C07K 14/52 6C07K 1/16  
[25] EN  
[54] **METHOD FOR PURIFYING THROMBOPOIETIN**  
[54] **PROCEDE DE PURIFICATION DES THROMBOPOIETINES**  
[72] PHAN, Linh, US  
[72] ALASKA, Andrew R., US  
[72] FORSTROM, John W., US  
[72] CHANG, Jin-Jyi, US  
[72] DOWNEY, William, US  
[73] ZYMOGENETICS, INC., US  
[85] 1997-12-02  
[86] 1996-05-22 (PCT/US96/07453)  
[87] (WO96/40773)  
[30] US (08/484,246) 1995-06-07

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[11] **2,223,477**  
[13] C

[51] **Int.Cl. 6F21V 8/00 6G02B 6/00 6F21V 13/04**  
[25] EN  
[54] **MULTIPOINT ILLUMINATOR FOR MACRO-FIBERS**  
[54] **ILLUMINATEUR A PORTS MULTIPLES POUR MACRO-FIBRES**  
[72] FORKNER, John F., US  
[72] RISER, Andrew P., US  
[72] RYKOWSKI, Ronald F., US  
[72] WILSON, Stephen S., US  
[73] REMOTE SOURCE LIGHTING INTERNATIONAL, INC., US  
[85] 1998-01-05  
[86] 1996-05-31 (PCT/US96/08123)  
[87] (WO96/38750)  
[30] US (08/459,613) 1995-06-02

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[11] **2,223,931**  
[13] C

[51] **Int.Cl. 6H05B 6/80 6A61L 2/12**  
[25] EN  
[54] **METHOD AND SYSTEM FOR SIMULTANEOUS STERILIZATION OF MULTIPLE MEDICAL INSTRUMENTS**  
[54] **PROCEDE ET SYSTEME DE STERILISATION SIMULTANEE D'INSTRUMENTS MEDICAUX MULTIPLES**  
[72] HELD, Jeffery Scott, US  
[72] SCHIFFMANN, Robert Frank, US  
[73] QUICLAIVE, L.L.C., US  
[85] 1997-12-05  
[86] 1996-06-05 (PCT/US96/08930)  
[87] (WO96/41500)  
[30] US (08/486,208) 1995-06-07

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[11] **2,225,129**  
[13] C

[51] **Int.Cl. 6H01R 13/658 6H05K 1/00 6H05K 1/18 6H01R 13/719**  
[25] EN  
[54] **PRINTED CIRCUIT BOARD INCLUDING CROSSTALK COMPENSATION**  
[54] **CIRCUIT IMPRIME A COMPENSATION DE DIAPHONIE**  
[72] HASHIM, Amid Ihsan, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1997-12-17  
[30] US (783,950) 1997-01-16

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[11] **2,226,433**  
[13] C

[51] **Int.Cl. 6B61L 3/20 6B61L 23/00**  
[25] EN  
[54] **INTEGRATED CAB SIGNAL RAIL NAVIGATION SYSTEM**  
[54] **SYSTEME INTEGRE DE NAVIGATION FERROVIAIRE INTEGRE ET DE SIGNALISATION EN CABINE**  
[72] KULL, Robert C., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1998-01-07  
[30] US (898,373) 1997-07-22

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[11] **2,226,435**  
[13] C

[51] **Int.Cl. 6B61L 15/00 6B61L 3/00 6B61L 23/00**  
[25] EN  
[54] **RAIL VISION SYSTEM**  
[54] **SYSTEME DE VISION FERROVIAIRE**  
[72] KULL, Robert C., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1998-01-07  
[30] US (898,648) 1997-07-22

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[11] **2,227,493**  
[13] C

[51] **Int.Cl. 6G02B 5/18 6G02B 27/44**  
[25] EN  
[54] **WRITING GRATINGS**  
[54] **PRODUCTION DE RESEAUX DE DIFFRACTION**  
[72] NAPIER, Bruce, GB  
[72] PHILLIPS, Nicholas John, GB  
[73] NORTEL NETWORKS CORPORATION, CA  
[22] 1998-01-20  
[30] US (08/788,615) 1997-01-24

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[11] **2,228,022**  
[13] C

[51] **Int.Cl. 6B60R 19/00 6B60Q 9/00 6G01M 17/013 6B60R 21/02 6B62D 25/16 6B60R 21/34 6B60Q 1/50**  
[25] EN  
[54] **WHEEL RETAINER AND LOOSE WHEEL INDICATOR FOR A VEHICLE**  
[54] **DISPOSITIF DE RETENUE DE ROUE ET INDICATEUR SIGNALANT QU'UNE ROUE DE VEHICULE EST LACHE**  
[72] WELCH, DONALD W., CA  
[73] PEBBLESTONE MULTI-SERVICES INC., CA  
[22] 1998-01-23  
[30] CA (2,195,895) 1997-01-24

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[11] **2,229,041**  
[13] C

[51] **Int.Cl. 6H04M 3/50**  
[25] EN  
[54] **VOICE MAIL SYSTEM WITH MULTI-RETRIEVAL MAILBOXES**  
[54] **SYSTEME DE MESSAGERIE VOCALE A BOITES VOCALES MULTI-EXTRACTION**  
[72] CHECCHIO, Robert A., US  
[72] SHEEHAN, Gregory C., US  
[72] KAISH, Steven T., US  
[72] KOWALSKY, Nancy A., US  
[72] REDBERG, Margaret H., US  
[73] AT&T CORP., US  
[22] 1998-02-09  
[30] US (08/839,333) 1997-04-17

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[11] **2,233,044**  
[13] C

[51] **Int.Cl. 6G01J 1/18 6H03K 17/945**  
[25] EN  
[54] **PROXIMITY AND AMBIENT LIGHT MONITOR**  
[54] **DETECTEUR DE PROXIMITE ET DISPOSITIF DE SURVEILLANCE DE LA LUMIERE AMBIANTE**  
[72] KOUHI, Ross George, CA  
[73] NORTEL NETWORKS CORPORATION, CA  
[85] 1998-03-25  
[86] 1997-10-09 (PCT/CA97/00753)  
[87] (WO98/18205)  
[30] US (08/730,831) 1996-10-17

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[11] **2,238,772**  
[13] C  
[51] Int.Cl. 6F23L 9/02 6F23D 1/00 6F23N 3/06  
[25] EN  
[54] OVER-FIRE AIR CONTROL SYSTEM FOR A PULVERIZED SOLID FUEL FURNACE  
[54] SYSTEME DE REGULATION DE L'ALIMENTATION EN AIR DE COMBUSTION TERTIAIRE D'UNE CHAUDIERE A COMBUSTIBLE SOLIDE PULVERISE  
[72] GARCIA-MALLOL, Juan A., US  
[73] FOSTER WHEELER ENERGY INTERNATIONAL, INC., US  
[22] 1998-05-27

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[11] **2,242,709**  
[13] C  
[51] Int.Cl. 6G01M 17/013 6G01B 5/255  
[25] EN  
[54] WHEEL EXAMINING APPARATUS  
[54] APPAREIL PERMETTANT D'EXAMINER DES ROUES  
[72] HIGUCHI, Yukio, JP  
[72] FUKUDA, Yutaka, JP  
[72] CHISAKI, Toshihiko, JP  
[72] MASUDA, Kiyoshi, JP  
[73] Anzen Motor Car Co., Ltd., JP  
[22] 1991-07-04  
[62] 2,046,240  
[30] JP (2-176190) 1990-07-05  
[30] JP (2-176191) 1990-07-05  
[30] JP (2-176192) 1990-07-05  
[30] JP (2-176193) 1990-07-05

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[11] \* **2,242,741**  
[13] C  
[51] Int.Cl. 6B67B 7/16 6B67B 7/12  
[25] EN  
[54] TWIST CAP BOTTLE OPENER WITH HAND/WRIST ATTACHMENT STRAP  
[54] DECAPSULEUR POUR CAPSULE VISSANT, DOTE DE SANGLE DE MAIN OU DE POIGNEE  
[72] LAROSE, Chantale C. L., CA  
[73] LAROSE, Chantale C. L., CA  
[22] 1998-08-12

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[11] **2,255,091**  
[13] C  
[51] Int.Cl. 6G01R 19/257  
[25] EN  
[54] VOLTAGE INDICATOR USING SERIAL COMPARISON VOLTAGE MEASUREMENT  
[54] VOLTMETRE FAISANT APPEL A LA MESURE DE TENSION PAR COMPARAISON SERIELLE  
[72] GALLAVAN, Michael, US  
[73] FLUKE CORPORATION, US  
[22] 1998-12-02  
[30] US (09/026,934) 1998-02-20

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[11] **2,255,631**  
[13] C  
[51] Int.Cl. 6G01V 1/36 6G01V 1/38  
[25] EN  
[54] METHOD FOR ATTENUATION OF REVERBERATIONS USING A PRESSURE-VELOCITY BOTTOM CABLE  
[54] PROCEDE POUR ATTENUER LES REVERBERATIONS AU MOYEN D'UN CABLE DE FOND A PRESSION-VITESSE DE PROPAGATION  
[72] MOLDOVEANU, Nicolae, US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 1998-11-18  
[86] 1997-04-24 (PCT/IB97/00435)  
[87] (WO97/44685)  
[30] US (08/650,325) 1996-05-20

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[11] **2,259,058**  
[13] C  
[51] Int.Cl. 6G12B 11/02 6G01D 13/04  
[25] EN  
[54] AUTOMATED SMALL VOLUME PRODUCTION OF INSTRUMENT FACE  
[54] PRODUCTION AUTOMATISEE EN PETITES QUANTITES DE CADRANS POUR INSTRUMENTS DIVERS  
[72] NUNES, Brendon G., CA  
[73] TRINTEC INDUSTRIES INC., CA  
[22] 1993-10-12  
[62] 2,108,246  
[30] US (08/071,008) 1993-06-02

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[11] **2,265,290**  
[13] C  
[51] Int.Cl. 6G06K 11/18  
[25] EN  
[54] PERSONAL COMPUTER KEYBOARD SUPPORT HAVING MOVEABLE MOUSE EXTENSION  
[54] SUPPORT DE CLAVIER DE MICRO-ORDINATEUR MUNI D'UNE SECTION AMOVIBLE POUR LA SOURIS  
[72] TIMM, Derek, US  
[73] WORK-RITE ERGONOMIC ACCESSORIES, INC., US  
[22] 1999-03-11  
[30] US (09/135,322) 1998-08-07

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[11] **2,277,969**  
[13] C  
[51] Int.Cl. 6H01B 11/00 6G01S 13/88  
[25] EN  
[54] OPEN TRANSMISSION LINE  
[54] LIGNE DE TRANSMISSION OUVERTE  
[72] HARMAN, ROBERT KEITH, US  
[73] AURATEK SECURITY INC., CA  
[22] 1991-02-20  
[62] 2,044,246

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[11] **2,282,768**  
[13] C  
[51] Int.Cl. 6B42D 15/10 6A63F 3/06  
[25] EN  
[54] INTEGRATED LOTTERY POUCH  
[54] BILLET DE LOTERIE A POCHE INTEGREE  
[72] BRICKWOOD, MICHAEL JOHN, CA  
[72] SCRYMGEOUR, LYLE HAROLD, CA  
[73] POLLARD BANKNOTE LIMITED, CA  
[22] 1999-09-28

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[13] A1

[51] **Int.Cl. 6B60B 37/10**  
[25] EN  
[54] **WHEEL SHAFT MOUNTING ARRANGEMENT FOR A GOLF CART**  
[54] **FIXATION D'ARBRE DE ROUE DE CHARIOT DE GOLF**  
[72] LIN, Wen-Tsan, TW  
[71] LIN, Wen-Tsan, TW  
[22] 1999-03-01  
[43] 2000-09-01

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[21] **2,262,851**  
[13] A1

[51] **Int.Cl. 6B08B 15/02**  
[25] EN  
[54] **EXHAUST HOOD**  
[54] **HOTTE D'EVACUATION**  
[72] FRITZ, Frederick F., US  
[72] OTENBAKER, James T., US  
[71] RANDELL MANUFACTURING, INC, US  
[22] 1999-03-05  
[43] 2000-09-01  
[30] US (09/259,855) 1999-03-01

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[21] **2,263,200**  
[13] A1

[51] **Int.Cl. 6C07C 15/073 6C07C 15/02 6C07C 15/16 6C07C 2/66**  
[25] EN  
[54] **CONTROL OF DIARYLALKANE BY-PRODUCT FORMATION IN ALKYLATION OF AROMATICS BY OLEFINS USING ZEOLITE BETA CATALYST**  
[54] **CONTROLE DE LA FORMATION D'UN SOUS-PRODUIT DE DIARYLACANE LORS DE L'ALKYLATION D'AROMATIQUES PAR DES OLEFINES A L'AIDE D'UN CATALYSEUR BETA DE TYPE ZEOLITHE**  
[72] GAJDA, Gregory J., US  
[71] UOP LLC, US  
[22] 1999-03-01  
[43] 2000-09-01

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[21] **2,263,238**  
[13] A1

[51] **Int.Cl. 6E02B 15/10 6E02B 3/02**  
[25] EN  
[54] **WATERWAY POLLUTION CONTROL APPARATUS**  
[54] **DISPOSITIF DE LUTTE CONTRE LA POLLUTION DE COURS D'EAU**  
[72] MATTSON, Jack, CA  
[71] MATTSON, Jack, CA  
[22] 1999-03-01  
[43] 2000-09-01

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[21] **2,263,288**  
[13] A1

[51] **Int.Cl. 6A22B 5/00 6A22C 17/04**  
[25] EN  
[54] **APPARATUS, TOOL AND METHOD FOR MECHANICAL REMOVAL OF A SPINAL COLUMN PART FROM A PART CARCASS**  
[54] **APPAREIL, OUTIL ET METHODE POUR L'ENLEVEMENT MECANIQUE D'UNE PARTIE DE LA COLONNE VERTEBRALE D'UNE PARTIE DE CARCASSE**  
[72] POST, Erling, DK  
[71] SLAGTERIERNES FORSKNINGSINSTITUT, DK  
[22] 1999-03-02  
[43] 2000-09-02

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[21] **2,263,302**  
[13] A1

[51] **Int.Cl. 6E04G 1/14 6E04G 7/06**  
[25] EN  
[54] **SCAFFOLD ASSEMBLY**  
[54] **ECHAFAUDAGE**  
[72] BRASIL, John G., CA  
[71] ETOBICOKE IRONWORKS LIMITED, CA  
[22] 1999-03-02  
[43] 2000-09-02

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[21] **2,263,308**  
[13] A1

[51] **Int.Cl. 6F21P 3/00 6A47G 33/16**  
[25] EN  
[54] **NET TYPE ARRANGEMENT STRUCTURE OF MINIATURE LIGHT BULB SERIES**  
[54] **STRUCTURE DE SERIE D'AMPOULES ELECTRIQUES MINIATURES EN FORME DE FILET**  
[72] WANG, Jung Kuei, TW  
[71] WANG, Jung Kuei, TW  
[22] 1999-03-01  
[43] 2000-09-01

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[21] **2,263,611**  
[13] A1

[51] **Int.Cl. 6C02F 3/10 6E03F 1/00**  
[25] EN  
[54] **MULTI-LEVEL SEPTIC DRAINFIELDS**  
[54] **CHAMPS D'EPURATION DE FOSSES SEPTIQUES A NIVEAUX MULTIPLES**  
[72] SING, Peter, US  
[71] SING, Peter, US  
[22] 1999-03-01  
[43] 2000-09-01

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[21] **2,263,616**  
[13] A1

[51] **Int.Cl. 6B41M 3/14 6B44B 5/00 6B31F 1/07 6B42D 15/10 6B41M 3/16**  
[25] EN  
[54] **DURABLE TACTILE INDICIA FOR BANKNOTES/DOCUMENTS AND METHOD OF MAKING SAME**  
[54] **EMPREINTE TACTILE DURABLE POUR BILLETS DE BANQUE/ DOCUMENTS ET METHODE DE FABRICATION**  
[72] LYEN, Eric A., CA  
[71] CANADIAN BANK NOTE COMPANY, LIMITED, CA  
[22] 1999-03-01  
[43] 2000-09-01

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[21] **2,263,771**  
[13] A1

[51] **Int.Cl. 6A46B 5/02 6A46B 13/02**  
[25] EN  
[54] **IMPROVED TOOTHBRUSH HANDLE**  
[54] **POIGNEE AMELIOREE DE BROSSE A DENTS**  
[72] PROULX, Genevieve Christianne, CA  
[71] PROULX, Genevieve Christianne, CA  
[22] 1999-03-01  
[43] 2000-09-01

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[21] **2,263,774**  
[13] A1

[51] **Int.Cl. 6G06K 11/18**  
[25] EN  
[54] **SWITCHES AND JOYSTICKS USING A NON-ELECTRICAL DEFORMABLE PRESSURE SENSOR**  
[54] **INTERRUPTEURS ET MANETTES DE COMMANDE UTILISANT UN CAPTEUR DE PRESSION DEFORMABLE NON ELECTRIQUE**  
[72] INKSTER, Robert, CA  
[72] REIMER, Ernest M., CA  
[71] INKSTER, Robert, CA  
[71] REIMER, Ernest M., CA  
[22] 1999-03-01  
[43] 2000-09-01

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[21] **2,263,858**  
[13] A1

[51] **Int.Cl. 6C10G 1/00 6C10C 3/00**  
[25] EN  
[54] **MECHANICAL DEAERATION OF BITUMINOUS FROTH**  
[54] **DESAERAGE MECANIQUE DE MOUSSE BITUMINEUSE**  
[72] WAGNER, Mike P., CA  
[72] SANDERS, Sean, CA  
[72] McDOWELL, Kevin, CA  
[72] SPENCE, Jonathan R., CA  
[71] WAGNER, Mike P., CA  
[71] SANDERS, Sean, CA  
[71] McDOWELL, Kevin, CA  
[71] SPENCE, Jonathan R., CA  
[22] 1999-03-02  
[43] 2000-09-02

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[21] **2,264,321**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **METHOD AND APPARATUS FOR GENERATING REPORTS**  
[54] **METHODE ET APPAREIL DE PRODUCTION DE RAPPORTS**  
[72] McCULLY, Eric, CA  
[71] COGNOS INCORPORATED, CA  
[22] 1999-03-02  
[43] 2000-09-02

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[21] **2,264,327**  
[13] A1

[51] **Int.Cl. 6F16G 11/14 6A44B 21/00**  
[25] EN  
[54] **CORD CLASP**  
[54] **AGRAFE POUR CORDON**  
[72] RAMBO, Tan, CA  
[71] RAMBO, Tan, CA  
[22] 1999-03-02  
[43] 2000-09-02

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[21] **2,264,328**  
[13] A1

[51] **Int.Cl. 6G01R 31/302**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR INCREASING THE SPEED OF ELECTROMAGNETIC SCANNING OF ELECTRONIC DEVICES**  
[54] **METHODE ET DISPOSITIF AMELIORANT LA VITESSE DE BALAYAGE ELECTROMAGNETIQUE DE DISPOSITIFS ELECTRONIQUE**  
[72] GUNTORPE, Gary, CA  
[72] JAMES, Donald, CA  
[71] GUNTORPE, Gary, CA  
[71] JAMES, Donald, CA  
[22] 1999-03-01  
[43] 2000-09-01

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[21] **2,264,344**  
[13] A1

[51] **Int.Cl. 6A47K 5/12**  
[25] EN  
[54] **HAND GLIDERS**  
[54] **APPLICATEURS MANUELS DE SAVON POUR LE CORPS**  
[72] GILLIS, Cheyenne C., CA  
[71] GILLIS, Cheyenne C., CA  
[22] 1999-03-02  
[43] 2000-09-02

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[21] **2,264,355**  
[13] A1

[51] **Int.Cl. 6F25B 21/00**  
[25] EN  
[54] **A SOLID-STATE COOLING DEVICE FOR DIRECT INSERTION INTO A DISPENSING RESERVOIR, HOLDING TANK OR WATER LINE**  
[54] **DISPOSITIF DE REFROIDISSEMENT A L'ETAT SOLIDE POUR INSERTION DIRECTE DANS UN CONTENANT DISTRIBUTEUR, RESERVOIRS DE RETENTION OU D'UNE LIGNE DE FLOTTAISON**  
[72] GREENE, Jeremian, CA  
[71] GREENE, Jeremian, CA  
[22] 1999-03-01  
[43] 2000-09-01

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[21] **2,264,363**  
[13] A1

[51] **Int.Cl. 6A63C 5/03**  
[25] FR  
[54] **COUPOLE A NEIGE**  
[54] **SNOW DOME**  
[72] SERVANT, Jean-Hugues, CA  
[71] SERVANT, Jean-Hugues, CA  
[22] 1999-03-02  
[43] 2000-09-02

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[21] **2,264,374**  
[13] A1

[51] **Int.Cl. 6B62B 17/02 6B62D 55/04 6B62D 55/07**  
[25] FR  
[54] **ROUE AMOVIBLE POUR MOTONEIGE**  
[54] **RETRACTABLE WHEEL FOR SNOWMOBILE**  
[72] MORIN, Marius, CA  
[71] MORIN, Marius, CA  
[22] 1999-03-02  
[43] 2000-09-02

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[21] **2,264,375**  
[13] A1

[51] **Int.Cl. 6A47B 9/00**  
[25] FR  
[54] **TABLES MODULAIRES POSITIONNELLES**  
[54] **ADJUSTABLE-POSITION MODULAR TABLES**  
[72] GODIN, Gilles, CA  
[71] GODIN, Gilles, CA  
[22] 1999-03-01  
[43] 2000-09-01

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[21] **2,264,377**  
[13] A1

[51] **Int.Cl. 6F16H 21/18 6F01B 9/02 6F16C 3/04**  
[25] FR  
[54] **MECANISME DE CONVERSION DU MOUVEMENT LINEAIRE ALTERNATIF EN MOUVEMENT ROTATIF**  
[54] **MECHANISM FOR CONVERTING RECIPROCAL LINEAR MOTION TO ROTATIONAL MOTION**  
[72] GERAY, Richard, CA  
[71] GERAY, Richard, CA  
[22] 1999-03-01  
[43] 2000-09-01

[21] **2,264,415**  
[13] A1

[51] **Int.Cl. 6E04B 1/343 6E04B 1/35 6E04B 1/38**  
[25] EN  
[54] **MULTISPACE 2000 H.CH.G.**  
[54] **ESPACES MULTIPLES 2000 H.CH.G.**  
[72] CHAVEZ GANDARA, Hector Enrique, EC  
[71] CHAVEZ GANDARA, Hector Enrique, EC  
[22] 1999-03-02  
[43] 2000-09-02

[21] **2,264,440**  
[13] A1

[51] **Int.Cl. 6E03B 3/02**  
[25] EN  
[54] **RAINFALL COLLECTION SYSTEM**  
[54] **COLLECTEUR D'EAU DE PLUIE**  
[72] MORRISON, MAX E., CA  
[72] POLON, Jay, CA  
[71] MORRISON, MAX E., CA  
[71] POLON, Jay, CA  
[22] 1999-03-02  
[43] 2000-09-02

[21] **2,264,469**  
[13] A1

[51] **Int.Cl. 6B60S 13/00 6B66F 15/00**  
[25] EN  
[54] **SNO-BUDDY**  
[54] **DISPOSITIF DE DEPANNAGE DE MOTONEIGE «SNO-BUDDY»**  
[72] THOMAS, Keith Wilson, CA  
[71] THOMAS, Keith Wilson, CA  
[22] 1999-03-01  
[43] 2000-09-01

[21] **2,264,476**  
[13] A1

[51] **Int.Cl. 6F16J 1/00 6F02B 75/06**  
[25] EN  
[54] **SHOCK ABSORBER PISTON**  
[54] **PISTON D'AMORTISSEUR**  
[72] ARTS, James A., CA  
[71] ARTS, James A., CA  
[22] 1999-03-01  
[43] 2000-09-01

[21] **2,264,497**  
[13] A1

[51] **Int.Cl. 6F16K 15/04**  
[25] EN  
[54] **VALVE CAGE AND BALL FOR A RECIPROCATING PUMP**  
[54] **LANTERNE ET BILLE DE SOUPAPE POUR POMPE ALTERNATIVE**  
[72] CONN, Kenneth S., CA  
[71] CONN, Kenneth S., CA  
[22] 1999-03-02  
[43] 2000-09-02

[21] **2,264,500**  
[13] A1

[51] **Int.Cl. 6E02F 5/18**  
[25] EN  
[54] **TRENCHLESS EXCAVATING CUTTING TOOL**  
[54] **OUTILLAGE D'EXCAVATION NON FOSSOYEUR**  
[72] ARSENAULT, Real, CA  
[71] CITY OF TORONTO, WATER AND WASTEWATER DIVISION, CA  
[22] 1999-03-02  
[43] 2000-09-02

[21] **2,264,986**  
[13] A1

[51] **Int.Cl. 6B60R 25/08 6B60R 25/00**  
[25] EN  
[54] **PEDALOCK**  
[54] **VERROU DE PEDALIER**  
[72] APEAH-DJAN, Reggie, CA  
[72] TWUMASI, Harriet, CA  
[71] APEAH-DJAN, Reggie, CA  
[71] TWUMASI, Harriet, CA  
[22] 1999-03-01  
[43] 2000-09-01

[21] **2,264,992**  
[13] A1

[51] **Int.Cl. 6A62B 1/06**  
[25] EN  
[54] **EMERGENCY TREE AND HEIGHT DESCENDER**  
[54] **DESCENDEUR D'URGENCE POUR ARBRES ET AUTRES STRUCTURES EN HAUTEUR**  
[72] WALKER, George K., US  
[71] WALKER, George K., US  
[22] 1999-03-05  
[43] 2000-09-02  
[30] US (09/260,407) 1999-03-02

[21] **2,264,993**  
[13] A1

[51] **Int.Cl. 6A63B 53/04**  
[25] EN  
[54] **A FLAT FACED GOLF CLUB DRIVER OR FAIRWAY WOOD INCORPORATING A BEVEL OR RADIUS ON THE TOE AND/OR HEEL OF THE FACE OF CLUB HEAD**  
[54] **DECOCHEUR DE GOLF OU BOIS D'ALLEE A FACE PLATE COMPRENANT UN BISEAU OU UN RAYON SUR LA POINTE ET/OU SUR LA FACE DE LA TETE DU BATON**  
[72] SWIST, Jason, CA  
[71] SWIST, Jason, CA  
[22] 1999-03-01  
[43] 2000-09-01

[21] **2,265,112**  
[13] A1

[51] **Int.Cl. 6B63C 9/11 6B63C 9/13**  
[25] FR  
[54] **VFI-A VETEMENT DE FLOTTAISON INDIVIDUEL-ADAPTE**  
[54] **M-PFD - MODIFIED PERSONAL FLOTATION DEVICE**  
[72] DESLAURIERS, Julien P., CA  
[71] DESLAURIERS, Julien P., CA  
[22] 1999-03-02  
[43] 2000-09-02



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[21] **2,268,095**  
[13] A1

[51] **Int.Cl. 6B63H 5/07**  
[25] EN  
[54] **CENTRAL POSITION OF PROPELLERS ON A SPEEDING BOAT**  
[54] **POSITIONNEMENT DES CENTRALES D'HELICES SUR UN BATEAU A MOTEUR RAPIDE**  
[72] MARTYNOV, Boris B.M., CA  
[71] MARTYNOV, Boris B.M., CA  
[22] 1999-03-02  
[43] 2000-09-02

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[21] **2,272,522**  
[13] A1

[51] **Int.Cl. 6F17C 1/04 6B65B 53/02 6B65D 65/38**  
[25] EN  
[54] **PROTECTING THE OUTER SURFACE OF CYLINDERS FOR CONTAINING FLUID**  
[54] **PROTECTION DE LA SURFACE EXTERIEURE DE CYLINDRES DEVANT CONTENIR DES LIQUIDES**  
[72] CASTELLARIN, Sandro J., CA  
[72] TWEEDLE, Mark H., CA  
[71] CASTELLARIN, Sandro J., CA  
[71] TWEEDLE, Mark H., CA  
[22] 1999-05-21  
[43] 2000-09-01  
[30] US (09/258,888) 1999-03-01

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[21] **2,272,963**  
[13] A1

[51] **Int.Cl. 6A61K 7/16**  
[25] EN  
[54] **METHOD FOR REDUCING THE VIABILITY OF DETRIMENTAL ORAL MICROORGANISMS IN AN INDIVIDUAL, AND FOR PREVENTION AND/OR TREATMENT OF DISEASES CAUSED BY SUCH MICROORGANISMS; AND WHITENING AND/OR CLEANING OF AN INDIVIDUAL'S TEETH**  
[54] **METHODE POUR REDUIRE LA VIABILITE DES MICROORGANISMES BUCCAUX NUISIBLES CHEZ UNE PERSONNE ET POUR PREVENIR ET/OU TRAITER DES MALADIES CAUSEES PAR DE TELS MICROORGANISMES; ET POUR BLANCHIR ET/OU NETTOYER LES DENTS D'UNE PERSONNE**  
[72] YLI-URPO, Antti, FI  
[72] STOOR, Patricia, FI  
[72] SODERLING, Eva, FI  
[72] SALONEN, Jukka, FI  
[71] YLI-URPO, Antti, FI  
[71] STOOR, Patricia, FI  
[71] SODERLING, Eva, FI  
[71] SALONEN, Jukka, FI  
[22] 1999-05-20  
[43] 2000-09-02  
[30] US (09/260,081) 1999-03-02

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[21] **2,276,470**  
[13] A1

[51] **Int.Cl. 6C23C 4/12 6B05B 9/04**  
[25] EN  
[54] **SPRAY ASSEMBLY FOR MOLTEN METAL**  
[54] **DISPOSITIF DE PULVERISATION POUR METAL FONDU**  
[72] THUT, BRUNO H., US  
[71] THUT, BRUNO H., US  
[22] 1999-06-25  
[43] 2000-09-02  
[30] US (09/260,820) 1999-03-02

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[21] **2,284,855**  
[13] A1

[51] **Int.Cl. 6A61G 7/10**  
[25] EN  
[54] **AUTOMATIC DISPLACEMENT AND HOMING SYSTEM FOR A RAIL MOUNTED PATIENT LIFT**  
[54] **SYSTEME AUTOMATIQUE DE DEPLACEMENT ET DE RETOUR AU REPOS POUR LEVE-PATIENT MONTE SUR RAIL**  
[72] BERGERON, JEAN, CA  
[72] RODIER, SYLVAIN, CA  
[71] GESTION TECHNO-MEDIC INC., CA  
[22] 1999-10-05  
[43] 2000-08-29

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[21] **2,287,843**  
[13] A1

[51] **Int.Cl. 6E21B 7/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR LATERAL WELL DRILLING UTILIZING A ROTATING NOZZLE**  
[54] **METHODE ET APPAREIL POUR LE FORAGE LATERAL DE Puits AU MOYEN D'UN AJUTAGE ORIENTABLE**  
[72] PETERS, JASPER N., US  
[71] PETERS, JASPER N., US  
[22] 1999-11-01  
[43] 2000-09-01  
[30] US (09/260,393) 1999-03-01

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[21] **2,288,570**  
[13] A1

[51] **Int.Cl. 7B42D 15/08**  
[25] EN  
[54] **PRESSURE SEAL BILL OF LADING/SHIPPING INVOICE**  
[54] **FACTURE DE CHARGEMENT/D'EXPEDITION SCHELLEE SOUS PRESSION**  
[72] PETERSON, WAYNE C., US  
[72] CHESS, STANLEY, US  
[71] MOORE NORTH AMERICA, INC., US  
[22] 1999-11-05  
[43] 2000-09-02  
[30] US (09/260,026) 1999-03-02

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[21] **2,288,598**  
[13] A1

[51] **Int.Cl. 7E01H 5/02**  
[25] EN  
[54] **MANUALLY-OPERABLE COMBINATION SHOVEL AND PLOW FOR SNOW AND OTHER MATERIAL**  
[54] **PELLE ET CHASSE-NEIGE COMBINES A COMMANDE MANUELLE POUR NEIGE ET AUTRES MATERIAUX**  
[72] BOWLES, LOUIS G., JR., US  
[71] BOWLES, LOUIS G., JR., US  
[22] 1999-11-08  
[43] 2000-09-02  
[30] US (09/261,284) 1999-03-02

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[21] **2,289,159**  
[13] A1

[51] **Int.Cl. 7G01N 21/17**  
[25] EN  
[54] **OPTICAL INSPECTION APPARATUS WITH REMOVABLE INSERTS**  
[54] **DISPOSITIF D'INSPECTION OPTIQUE AVEC INSERTS AMOVIBLES**  
[72] SHAREEF, NAZEER, US  
[71] BAYER CORPORATION, US  
[22] 1999-11-09  
[43] 2000-09-01  
[30] US (09/259,599) 1999-03-01

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[21] **2,290,149**  
[13] A1

[51] **Int.Cl. 7G01N 33/52 7G01N 33/493 7G01N 33/545 7G01N 33/70**  
[25] EN  
[54] **DEVICE FOR CARRYING OUT LATERAL-FLOW ASSAYS INVOLVING MORE THAN ONE ANALYTE**  
[54] **DISPOSITIF POUR EFFECTUER DES DOSAGES A ECOULEMENT LATERAL DEMANDANT D'ANALYSER PLUS D'UNE SUBSTANCE**  
[72] BROCK, DAVID A., US  
[71] BAYER CORPORATION, US  
[22] 1999-11-22  
[43] 2000-09-01  
[30] US (09/259,353) 1999-03-01

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[21] **2,290,919**  
[13] A1

[51] **Int.Cl. 7B65G 17/24 7B60S 3/04 7B65G 17/32**  
[25] EN  
[54] **PUSHER ROLLER ASSEMBLY FOR A CAR WASH CONVEYOR**  
[54] **ENSEMBLE DE ROULEAUX POUSSEURS POUR CONVOYEUR DE LAVE-AUTO**  
[72] RIETSCH, GILBERT J., JR., US  
[71] PECO CORPORATION, US  
[22] 1999-11-29  
[43] 2000-09-01  
[30] US (260,321) 1999-03-01

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[21] **2,292,936**  
[13] A1

[51] **Int.Cl. 7H01R 33/00 7H01R 43/00**  
[25] EN  
[54] **ANGLED LAMP SOCKET**  
[54] **DOUILLE A LAMPE INCLINEE**  
[72] YI, CHONG HUN, US  
[72] HUMPHREY, DAVID T., US  
[72] LINNELL, THOMAS D., US  
[72] GRUNO, LAURA ANNE, US  
[71] OSRAM SYLVANIA INC., US  
[22] 1999-12-22  
[43] 2000-09-02  
[30] US (09/260,253) 1999-03-02

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[21] **2,292,947**  
[13] A1

[51] **Int.Cl. 7A01K 97/04**  
[25] EN  
[54] **METHOD AND MEDIUM FOR COLORING LIVE BAIT WORMS**  
[54] **METHODE ET MILIEU POUR COLORER DES VERS SERVANT D'APPAT VIVANT**  
[72] GIANNARIS, PAUL, CA  
[71] ANDY'S BAIT INTERNATIONAL INC., CA  
[22] 1999-12-17  
[43] 2000-08-29

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[21] **2,294,667**  
[13] A1

[51] **Int.Cl. 7H01J 61/02 7H01J 61/00**  
[25] EN  
[54] **ARC TUBE, MOUNTING MEMBER AND ELECTRIC LAMP ASSEMBLY**  
[54] **TUBE A ARC, ELEMENT DE MONTAGE ET ENSEMBLE DE LAMPE ELECTRIQUE**  
[72] BAZIN, SIMONE P., US  
[72] NORTRUP, EDWARD H., US  
[72] SWADEL, JOSEPH C., US  
[72] BROWN, RANDALL D., US  
[71] OSRAM SYLVANIA INC., US  
[22] 2000-01-10  
[43] 2000-09-02  
[30] US (09/260,254) 1999-03-02

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[21] **2,295,273**  
[13] A1

[51] **Int.Cl. 7H04M 3/50 7G11B 23/00**  
[25] EN  
[54] **DYNAMIC RESOURCE REALLOCATION**  
[54] **REALLOCATION DYNAMIQUE DE RESSOURCES**  
[72] RONCA, DAVID RANDELL, US  
[71] MITEL, INC., US  
[22] 2000-01-12  
[43] 2000-09-01  
[30] US (09/259,986) 1999-03-01

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[21] **2,296,804**  
[13] A1

[51] **Int.Cl. 7B60C 1/00 7C08L 7/00 7C08L 9/00 7B60C 13/02**  
[25] EN  
[54] **TIRE WITH REINFORCED RUBBER SIDEWALL**  
[54] **PNEU A FLANCEN CAOUTCHOUC RENFORCE**  
[72] BEZILLA, BERNARD MATTHEW JR., US  
[72] SANDSTROM, PAUL HARRY, US  
[72] ZANZIG, DAVID JOHN, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-01-24  
[43] 2000-09-02  
[30] US (09/260,815) 1999-03-02

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[21] **2,297,372**  
[13] A1  
[51] **Int.Cl. 7G06F 3/14**  
[25] EN  
[54] **BRANDING DYNAMIC LINK LIBRARIES**  
[54] **MARQUAGE DE BIBLIOTHEQUES DE LIENS DYNAMIQUES**  
[72] MARTH, STEPHEN G., US  
[72] RONCA, DAVID RANDALL, US  
[72] ORTIZ, JULIO, US  
[71] MITEL, INC., US  
[22] 2000-01-21  
[43] 2000-09-01  
[30] US (09/260,391) 1999-03-01

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[21] **2,297,373**  
[13] A1  
[51] **Int.Cl. 7G06F 3/14**  
[25] EN  
[54] **GRAPHICAL USER INTERFACE AND METHOD FOR DISPLAYING MESSAGES**  
[54] **INTERFACE UTILISATEUR GRAPHIQUE ET METHODE D’AFFICHAGE DE MESSAGES**  
[72] HILL, TOM, US  
[72] SALTONOV, ALEXEY, US  
[72] TANG, BENJAMIN B., US  
[72] BROWN, SHARON, US  
[71] MITEL, INC., US  
[22] 2000-01-21  
[43] 2000-09-01  
[30] US (09/259,985) 1999-03-01

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[21] **2,297,403**  
[13] A1  
[51] **Int.Cl. 7E02F 3/96**  
[25] EN  
[54] **A DEVICE FOR RAPID TOOL COUPLING AND RELEASE ON TOOL ARMS**  
[54] **DISPOSITIF DE RACCORDEMENT ET DE DEGAGEMENT RAPIDES POUR BRAS D’OUTILS**  
[72] MANTOVANI, ALBERTO, IT  
[71] MANTOVANIBENNE S.R.L., IT  
[22] 2000-01-28  
[43] 2000-09-02  
[30] IT (MO99A000034) 1999-03-02

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[21] **2,297,859**  
[13] A1  
[51] **Int.Cl. 7F16B 5/02 7E04B 9/22 7E04B 1/38**  
[25] EN  
[54] **SECTION FIXABLE TO AN ANCHORING BASE**  
[54] **SECTION POUVANT ETRE FIXEE A UN CULOT D’ANCRAGE**  
[72] HERTWECK, THEO, DE  
[71] PROFIL-VERTRIEB GMBH, DE  
[22] 2000-01-31  
[43] 2000-08-27  
[30] DE (199 08 585.4) 1999-02-27

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[21] **2,298,219**  
[13] A1  
[51] **Int.Cl. 7H01Q 21/28 7H04B 7/00**  
[25] EN  
[54] **ANTENNA ARRAY HAVING REDUCED SENSITIVITY TO FREQUENCY-SHIFT EFFECTS**  
[54] **ANTENNE-RESEAU DONT LA SENSIBILITE AU DECALAGE DE FREQUENCE EST REDUITE**  
[72] HOCHWALD, BERTRAND M., US  
[72] MARZETTA, THOMAS LOUIS, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-02-09  
[43] 2000-09-01  
[30] US (09/260,363) 1999-03-01

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[21] **2,298,257**  
[13] A1  
[51] **Int.Cl. 7B32B 15/01**  
[25] EN  
[54] **DECORATIVE CORROSION AND ABRASION RESISTANT COATING**  
[54] **ENDUIT DECORATIF RESISTANT A LA CORROSION ET A L’ABRASION**  
[72] TRAUTMAN, BRENDA L., US  
[72] BUBAR, BRIAN S., US  
[72] MAY, DARRELL K., US  
[72] O’BRIEN, TIMOTHY J., US  
[72] PRESTON, JOSEPH E., US  
[72] WILDER, JEFFREY D., US  
[72] SHEEK, JAMES G., US  
[72] SONG, INHO, US  
[71] MOEN INCORPORATED, US  
[22] 2000-02-07  
[43] 2000-09-01  
[30] US (09/259,341) 1999-03-01

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[21] **2,298,325**  
[13] A1  
[51] **Int.Cl. 7H04L 27/22**  
[25] EN  
[54] **ITERATIVE DIFFERENTIAL DETECTOR**  
[54] **DETECTEUR DIFFERENTIEL ITERATIF**  
[72] TONELLO, ANDREA M., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-02-10  
[43] 2000-09-01  
[30] US (09/259,949) 1999-03-01

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[21] **2,298,326**  
[13] A1  
[51] **Int.Cl. 7H01P 1/18 7H01Q 21/00**  
[25] EN  
[54] **ULTRA WIDE BANDWIDTH ELECTROMECHANICAL PHASE SHIFTER**  
[54] **DEPHASEUR ELECTROMECHANIQUE A BANDE ULTRA LARGE**  
[72] CHANG, LI-CHUNG, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-02-10  
[43] 2000-09-02  
[30] US (09/260,113) 1999-03-02

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[21] **2,298,338**  
[13] A1  
[51] **Int.Cl. 7G01R 31/00 7H04B 3/46**  
[25] EN  
[54] **A CABLE TESTING APPARATUS**  
[54] **DISPOSITIF D’ESSAI DE CABLES**  
[72] WALLING, JORG-HEIN, CA  
[71] NORDX/CDT, INC., CA  
[22] 2000-02-09  
[43] 2000-09-01  
[30] US (09/259,945) 1999-03-01

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[21] **2,298,486**  
[13] A1  
[51] **Int.Cl. 7H04M 3/533 7H04L 12/56**  
[25] EN  
[54] **VOICE MAIL ON PACKET NETWORKS**  
[54] **MESSAGERIE VOCALE PAR RESEAUX PAR PAQUETS**  
[72] FOX, JAMES HOPPE, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-02-16  
[43] 2000-09-01  
[30] US (09/260,227) 1999-03-01

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[21] **2,298,975**  
[13] A1

[51] **Int.Cl. 7H01M 8/24 7H01M 8/10**  
[25] EN  
[54] **INTERCONNECT FOR SOLID OXIDE FUEL CELLS**  
[54] **SYSTEME D'INTERCONNEXION POUR PILES A COMBUSTIBLE A ELECTROLYTE SOLIDE A BASE D'OXYDES**  
[72] HARTVIGSEN, JOSEPH JAY, US  
[72] KHANDKAR, ASHOK C., US  
[72] ELANGOVAN, SINGARAVELU, US  
[71] SOFCO, US  
[22] 2000-02-18  
[43] 2000-09-01  
[30] US (09/259,711) 1999-03-01

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[21] **2,299,004**  
[13] A1

[51] **Int.Cl. 7B62D 55/10 7E02F 9/08**  
[25] EN  
[54] **EXCAVATOR FRAME AND METHOD OF ASSEMBLY**  
[54] **CADRE DE CHASSIS D'EXCAVATRICE ET METHODE D'ASSEMBLAGE**  
[72] ZANDER, STACEY A., US  
[72] SCHATZ, WARREN M., US  
[72] BLETH, JAY J., US  
[72] DUPPONG, GERALD J., US  
[71] CLARK EQUIPMENT COMPANY, US  
[22] 2000-02-21  
[43] 2000-09-02  
[30] US (09/260,240) 1999-03-02  
[30] US (09/490,929) 2000-01-25

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[21] **2,299,032**  
[13] A1

[51] **Int.Cl. 7F24C 7/08 7F24C 7/02**  
[25] EN  
[54] **CONTROL PANEL ASSEMBLY OF A MICROWAVE OVEN**  
[54] **ENSEMBLE DE TABLEAU DE COMMANDE POUR FOUR A MICRO-ONDES**  
[72] JEON, SEI-ILL, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 2000-02-18  
[43] 2000-08-27  
[30] KR (99-3110 (UM)) 1999-02-27

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[21] **2,299,098**  
[13] A1

[51] **Int.Cl. 7G01N 21/31 7A01G 7/00 7G01N 21/84**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ESTIMATING QUALITY OF GRAINS**  
[54] **METHODE ET APPAREIL POUR ESTIMER LA QUALITE DES GRAINS**  
[72] MARUYAMA, HIDEHARU, JP  
[72] HOSAKA, YUKIO, JP  
[72] NAKAMURA, NOBUHIKO, JP  
[72] SATAKE, SATORU, JP  
[72] YAGISHITA, NOBUHARU, JP  
[71] SATAKE CORPORATION, JP  
[22] 2000-02-22  
[43] 2000-09-02  
[30] JP (054270/1999) 1999-03-02

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[21] **2,299,104**  
[13] A1

[51] **Int.Cl. 7C07C 211/07 7C07D 323/00 7C07D 273/08 7C07C 229/16 7C07C 211/21 7E21B 43/22 7C07C 251/34 7C07C 211/35 7C07F 9/38**  
[25] EN  
[54] **IMPROVED RECOVERY AND TRANSPORTATION OF HEAVY CRUDE OILS**  
[54] **RECUPERATION ET TRANSPORT AMELIORES DE PETROLES BRUTS**  
**LOURDS**  
[72] CHHEDA, BHARATI DINKAR, US  
[72] BANAVALI, RAJIV MANOHAR, US  
[72] MAZZA, GUIDO, VE  
[71] ROHM AND HAAS COMPANY, US  
[22] 2000-02-22  
[43] 2000-09-02  
[30] US (60/122,496) 1999-03-02

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[21] **2,299,112**  
[13] A1

[51] **Int.Cl. 7H04Q 7/32**  
[25] EN  
[54] **SYSTEM COMPRISING INTERCHANGEABLE SYSTEM-PARTS, AND SYSTEM-PART PARTIES INTERCHANGEABLES ET PARTIES DE SYSTEME**  
[72] WINTZ, AGNES, FR  
[72] BERTIN, NICOLAS, FR  
[72] DANIEL, PATRICK, FR  
[72] FERVEUR, CHRISTIAN, FR  
[72] FISCHER, BERTRAND, FR  
[72] GEYER, CLAUDE, FR  
[71] ALCATEL, FR  
[22] 2000-02-23  
[43] 2000-09-01  
[30] EP (99 440 038.0) 1999-03-01

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[21] **2,299,130**  
[13] A1

[51] **Int.Cl. 7H04Q 3/64**  
[25] EN  
[54] **ACD TIER BASED ROUTING**  
[54] **ROUTAGE DAA FONDE SUR DES GROUPES**  
[72] HYMEL, DARRYL, US  
[71] ROCKWELL ELECTRONIC COMMERCE CORPORATION, US  
[22] 2000-02-23  
[43] 2000-09-01  
[30] US (60/122,280) 1999-03-01

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[21] **2,299,147**  
[13] A1

[51] **Int.Cl. 7H01H 1/58 7B25F 5/00 7H01R 24/00 7H01H 9/08**  
[25] EN  
[54] **FORWARD/REVERSE CIRCUIT FOR DPDT TYPE SWITCH**  
[54] **CIRCUIT BIDIRECTIONNEL POUR INTERRUPTEUR DE TYPE DPDT**  
[72] SELL, MICHAEL R., US  
[72] COVELL, KEVIN W., US  
[71] BLACK & DECKER INC., US  
[22] 2000-02-22  
[43] 2000-09-02  
[30] US (09/261,026) 1999-03-02

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[21] **2,299,148**  
[13] A1

[51] **Int.Cl. 7F02C 7/143**  
[25] EN  
[54] **COMPRESSOR SYSTEM AND METHODS FOR REDUCING COOLING AIRFLOW**  
[54] **COMPRESSEUR ET METHODE PERMETTANT DE REDUIRE LA CIRCULATION D'AIR DE REFROIDISSEMENT**  
[72] ORLANDO, ROBERT JOSEPH, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-02-17  
[43] 2000-09-02  
[30] US (09/260,296) 1999-03-02

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[21] **2,299,178**  
[13] A1

[51] **Int.Cl. 7C11D 3/395 7C11D 1/29 7C11D 3/40 7C11D 7/54**  
[25] EN  
[54] **ACTIVE CHLORINE PREPARATIONS CONTAINING MICROENCAPSULATED COLORANTS**  
[54] **PREPARATIONS DE CHLORE ACTIF CONTENANT DES COLORANTS MICROENCAPSULES**  
[72] HENKEL  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[22] 2000-02-22  
[43] 2000-08-27  
[30] DE (299 03 535.2) 1999-02-27

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[21] **2,299,216**  
[13] A1

[51] **Int.Cl. 7C10M 117/04 7C10M 117/02 7C10M 115/04 7C10M 115/10 7C10M 117/10 7C10M 115/12**  
[25] EN  
[54] **GREASE COMPOSITIONS**  
[54] **COMPOSITIONS DE GRAISSES**  
[72] KONZMAN, EDWARD J., US  
[71] THE LUBRIZOL CORPORATION, US  
[22] 2000-02-24  
[43] 2000-09-01  
[30] US (09/258,949) 1999-03-01

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[21] **2,299,239**  
[13] A1

[51] **Int.Cl. 7H04Q 7/32 7H04Q 7/20**  
[25] EN  
[54] **SYSTEM COMPRISING AN EXTENSIBLE NUMBER OF SYSTEM-PARTS, AND SYSTEM-PART**  
[54] **SYSTEME COMPORTANT UN NOMBRE EXTENSIBLE DE PARTIES ET PARTIES DE SYSTEME**  
[72] GEYER, CLAUDE, FR  
[72] BERTIN, NICOLAS, FR  
[72] DANIEL, PATRICK, FR  
[72] FERVEUR, CHRISTIAN, FR  
[72] FISCHER, BERTRAND, FR  
[72] WINTZ, AGNES, FR  
[71] ALCATEL, FR  
[22] 2000-02-23  
[43] 2000-09-01  
[30] EP (99 440 039.8) 1999-03-01

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[21] **2,299,246**  
[13] A1

[51] **Int.Cl. 7H04Q 3/64**  
[25] EN  
[54] **REMOTE ACD DATA BASE MODIFICATION VIA TELEPHONE**  
[54] **MODIFICATION A DISTANCE DE BASE DE DONNEES DAA PAR TELEPHONE**  
[72] HYMEL, DARRYL, US  
[71] ROCKWELL ELECTRONIC COMMERCE CORPORATION, US  
[22] 2000-02-23  
[43] 2000-09-01  
[30] US (60/122,229) 1999-03-01

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[21] **2,299,249**  
[13] A1

[51] **Int.Cl. 7H04Q 3/64**  
[25] EN  
[54] **ACD MULTIMEDIA CUSTOMER CONTACT ROUTING WITH DELAY ANNOUNCEMENTS**  
[54] **ROUTAGE D'APPELS MULTIMEDIA DANS UN SYSTEME DAA AVEC DELAIS D'ANNONCES**  
[72] HYMEL, DARRYL, US  
[71] ROCKWELL ELECTRONIC COMMERCE CORPORATION, US  
[22] 2000-02-23  
[43] 2000-09-01  
[30] US (60/122,278) 1999-03-01

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[21] **2,299,265**  
[13] A1

[51] **Int.Cl. 7H04Q 7/32 7H04L 12/00 7H04Q 7/20**  
[25] EN  
[54] **SYSTEM COMPRISING A REDUCEABLE NUMBER OF SYSTEM-PARTS, AND SYSTEM-PART**  
[54] **SYSTEME COMPORTANT UN NOMBRE DE PARTIES POUVANT ETRE REDUIT, ET PARTIES DE CE SYSTEME**  
[72] WINTZ, AGNES, FR  
[72] GEYER, CLAUDE, FR  
[72] BERTIN, NICOLAS, FR  
[72] DANIEL, PATRICK, FR  
[72] FISCHER, BERTRAND, FR  
[72] FERVEUR, CHRISTIAN, FR  
[71] ALCATEL, FR  
[22] 2000-02-23  
[43] 2000-09-01  
[30] EP (99 440 037.2) 1999-03-01

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[21] **2,299,423**  
[13] A1

[51] **Int.Cl. 7A61K 47/32 7A61P 1/00 7A61K 45/08 7A61K 9/14 7A61K 9/68**  
[25] EN  
[54] **TASTE-MASKED PHARMACEUTICAL COMPOSITION**  
[54] **COMPOSITION PHARMACEUTIQUE AU GOUT MASQUE**  
[72] SHAH, SHIRISH A., US  
[72] DANIELSON, DOUGLAS W., US  
[71] L. PERRIGO COMPANY, US  
[22] 2000-02-23  
[43] 2000-09-02  
[30] US (09/261,287) 1999-03-02

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[21] **2,299,526**  
[13] A1

[51] **Int.Cl. 7H02J 9/04**  
[25] EN  
[54] **IMPROVEMENTS RELATING TO EMERGENCY LIGHTING UNITS AND INSTALLATIONS**  
[54] **AMELIORATIONS RELATIVES A DES DISPOSITIFS ET INSTALLATIONS D'ECLAIRAGE D'URGENCE**  
[72] YOUNG, NEIL MARTIN, GB  
[72] BOWKER, STEVEN MARK, GB  
[71] EMERGI-LITE SAFETY SYSTEMS LIMITED, GB  
[22] 2000-02-25  
[43] 2000-08-27  
[30] GB (9904518.9) 1999-02-27

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[21] **2,299,528**  
[13] A1

[51] **Int.Cl. 7A45D 33/02**  
[25] FR  
[54] **TETE DE DISTRIBUTION D'UN PRODUIT SOUS PRESSION ET ENSEMBLE EQUIPE D'UNE TELLE TETE DE DISTRIBUTION**  
[54] **VALVE FOR A PRODUCT UNDER PRESSURE AND DEVICE EQUIPPED WITH SUCH A VALVE**  
[72] DE LAFORCADE, VINCENT, FR  
[71] L'ORÉAL, FR  
[22] 2000-02-22  
[43] 2000-09-02  
[30] FR (99 02 563) 1999-03-02

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[21] **2,299,589**  
[13] A1

[51] **Int.Cl. 7C08L 77/06 7C08L 67/02 7B32B 27/08**  
[25] EN  
[54] **COMPOSITE HAVING MORE THAN ONE LAYER**  
[54] **COMPOSITE CONTENANT PLUS QU'UNE COUCHE**  
[72] BAUMANN, FRANZ-ERICH, DE  
[72] OENBRINK, GEORG, DE  
[72] FRANZMANN, GISELHER, DE  
[72] HAGER, HARALD, DE  
[72] SCHMITZ, GUIDO, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 2000-02-25  
[43] 2000-08-27  
[30] DE (19908640.0) 1999-02-27

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[21] **2,299,668**  
[13] A1

[51] **Int.Cl. 7G06F 19/00**  
[25] FR  
[54] **DISPOSITIF D'AIDE A L'IDENTIFICATION DE SOUS-ENSEMBLES D'UN EQUIPEMENT, NOTAMMENT D'AERONEF**  
[54] **DEVICE TO ASSIST IN THE IDENTIFICATION OF EQUIPMENT SUB-ASSEMBLIES, PARTICULARLY AIRCRAFT SUB-ASSEMBLIES**  
[72] TERME, JEAN-LOUIS, FR  
[71] TERME, JEAN-LOUIS, FR  
[22] 2000-03-02  
[43] 2000-09-02  
[30] FR (99 02546) 1999-03-02

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[21] **2,299,698**  
[13] A1

[51] **Int.Cl. 7B65D 47/32 7B65D 51/00 7F16J 13/24**  
[25] EN  
[54] **INTERNAL PRESSURE RISE PREVENTION CONTAINER**  
[54] **CONTENANT QUI EMPECHE L'AUGMENTATION DE LA PRESSION INTERNE**  
[72] MATSUDA, KUNIO, JP  
[72] FUJII, TAKAFUMI, JP  
[72] YAMADA, MASASHI, JP  
[71] NIPPON SANZO CORPORATION, JP  
[22] 2000-02-29  
[43] 2000-09-02  
[30] JP (11-54829) 1999-03-02

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[21] **2,299,659**  
[13] A1

[51] **Int.Cl. 7A61K 7/021**  
[25] FR  
[54] **UTILISATION DANS UNE COMPOSITION POUR LA PEAU D'UN COPOLYMER D'OLEFINES A CRISTALLISATION CONTROLLEE POUR LIMITER LA MIGRATION DE LA COMPOSITION**  
[54] **USE IN A SKIN-CARE COMPOUND OF A CONTROLLED-CRYSTALLIZATION OLEFIN COPOLYMER TO LIMIT THE MIGRATION OF THE COMPOUND**  
[72] TOURNILHAC, FLORENCE, FR  
[71] L'OREAL, FR  
[22] 2000-02-29  
[43] 2000-09-02  
[30] FR (99 02 564) 1999-03-02

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[21] **2,299,691**  
[13] A1

[51] **Int.Cl. 7B32B 27/08 7A61J 1/00 7B32B 7/12**  
[25] EN  
[54] **PACKAGE FOR MEDICAL DEVICE**  
[54] **EMBALLAGE POUR DISPOSITIF MEDICAL**  
[72] MUGGLI, OLIVIER Y., US  
[72] PECK, JAMES MALCOLM, US  
[71] JOHNSON & JOHNSON VISION CARE, INC., US  
[22] 2000-02-29  
[43] 2000-09-01  
[30] US (09/259,795) 1999-03-01

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[21] **2,299,706**  
[13] A1

[51] **Int.Cl. 7F04F 10/00**  
[25] EN  
[54] **SIPHON ASSEMBLY WITH ONE WAY PRIMING VALVE**  
[54] **SIPHON A SOUPEPE D'AMORCAGE UNIDIRECTIONNELLE**  
[72] MALECKI, STEVEN JOSEPH, CA  
[71] MALECKI, STEVEN JOSEPH, CA  
[22] 2000-02-29  
[43] 2000-09-01  
[30] US (60/122,326) 1999-03-01

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[21] **2,299,664**  
[13] A1

[51] **Int.Cl. 7F16L 5/02 7F16L 7/02**  
[25] FR  
[54] **DISPOSITIF DE TRAVERSEE ETANCHE**  
[54] **WATERPROOF CONNECTION DEVICE**  
[72] MOREAU, JEAN-LUC, FR  
[71] CONNECTEURS ELECTRIQUES DEUTSCH, FR  
[22] 2000-03-01  
[43] 2000-09-02  
[30] FR (99 02552) 1999-03-02

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[21] **2,299,692**  
[13] A1

[51] **Int.Cl. 7A61L 2/10**  
[25] EN  
[54] **METHOD OF STERILIZATION**  
[54] **METHODE DE STERILISATION**  
[72] BEATON, STEPHEN R., US  
[72] CRISTOL, DAVID A., US  
[72] BROWN-SKROBOT, SUSAN K., US  
[72] ENNS, JOHN B., US  
[72] BUSSEY, ERIC P., US  
[72] HEATON, JOHN C., US  
[72] HILL, GREGORY A., US  
[72] PECK, JAMES, US  
[72] EBEL, JAMES A., US  
[72] NEWTON, TIMOTHY P., US  
[71] JOHNSON & JOHNSON VISION CARE, INC., US  
[22] 2000-02-29  
[43] 2000-09-01  
[30] US (09/259,758) 1999-03-01

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[21] **2,299,712**  
[13] A1

[51] **Int.Cl. 7C08J 5/00 7C08J 5/08 7C08K 5/32 7C08K 5/3435 7C08K 5/3492 7C08K 5/353 7C08K 5/357 7C08K 5/526 7C08K 5/527 7C08K 5/5393 7C08K 5/544**  
[25] EN  
[54] **STABILIZER COMBINATION FOR THE ROTOMOLDING PROCESS**  
[54] **COMBINAISON DE STABILISANTS POUR LE PROCEDE DE ROTOMOULAGE**  
[72] STADLER, URS LEO, US  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[22] 2000-02-28  
[43] 2000-09-01  
[30] US (09/259,724) 1999-03-01  
[30] US (09/455,143) 1999-12-06

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[21] **2,299,732**  
[13] A1  
[51] **Int.Cl. 7B23P 19/04**  
[25] EN  
[54] **VEHICLE DOOR HINGE ATTACHMENT MEANS AND METHOD**  
[54] **DISPOSITIF DE FIXATION DE CHARNIERE DE PORTIERE DE VEHICULE ET METHODE DE FABRICATION**  
[72] MITTS, RICHARD K., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-02-28  
[43] 2000-09-01  
[30] US (60/122,319) 1999-03-01  
[30] US (09/497,243) 2000-02-03

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[21] **2,299,757**  
[13] A1  
[51] **Int.Cl. 7B29C 53/22 7B29D 23/00 7B29C 53/30 7B29C 33/34**  
[25] EN  
[54] **MOLDING MACHINE WITH MOLD BLOCK CARRIAGE**  
[54] **MACHINE A MOULER AVEC CHARIOT POUR BLOCS DE MOULAGE**  
[72] BERNS, JOHN S., US  
[72] DICKHUT, HEINRICH B., US  
[71] CULLOM MACHINE TOOL & DIE, INC., US  
[22] 2000-02-28  
[43] 2000-09-01  
[30] US (09/259,735) 1999-03-01

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[21] **2,299,777**  
[13] A1  
[51] **Int.Cl. 7B01J 19/32 7F28F 25/08**  
[25] EN  
[54] **COLUMN PACKING AND METHOD FOR MANUFACTURING THE SAME**  
[54] **GARNISSAGE DE COLONNE ET METHODE DE FABRICATION**  
[72] NAGAOKA, TADAYOSHI, JP  
[71] NAGAOKA, TADAYOSHI, JP  
[22] 2000-02-28  
[43] 2000-09-01  
[30] JP (52363/1999) 1999-03-01

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[21] **2,299,734**  
[13] A1  
[51] **Int.Cl. 7F24H 9/00 7F24H 9/12 7F16K 17/18**  
[25] EN  
[54] **CONVECTION HEAT TRAP**  
[54] **DISPOSITIF ANT-CONVECTION**  
[72] DUNN, WESLEY O., US  
[72] MURPHY, MARK A., US  
[71] APCOM, INC., US  
[22] 2000-02-29  
[43] 2000-09-02  
[30] US (09/264,845) 1999-03-02

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[21] **2,299,759**  
[13] A1  
[51] **Int.Cl. 7B41F 1/40**  
[25] EN  
[54] **INK CUP FOR A PAD PRINTING MACHINE**  
[54] **GODET D'ENCRE POUR MACHINE A IMPRIMER EN TAMPOGRAPHIE**  
[72] SCHNEIDER, RUDIGER, DE  
[71] ITW MORLOCK GMBH, DE  
[22] 2000-02-28  
[43] 2000-09-01  
[30] DE (199 08 849.7) 1999-03-01  
[30] DE (199 08 864.0) 1999-03-01

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[21] **2,299,779**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/36 7H04Q 7/38**  
[25] EN  
[54] **SYSTEM COMPRISING SYSTEM-PARTS, AND SYSTEM-PART**  
[54] **SYSTEME COMPRENANT DES ELEMENTS ET ELEMENT DE SYSTEME**  
[72] BERTIN, NICOLAS, FR  
[72] WINTZ, AGNES, FR  
[72] GEYER, CLAUDE, FR  
[72] FERVEUR, CHRISTIAN, FR  
[72] DANIEL, PATRICK, FR  
[72] FISCHER, BERTRAND, FR  
[71] ALCATEL, FR  
[22] 2000-02-23  
[43] 2000-09-01  
[30] EP (99 440 040.6) 1999-03-01

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[21] **2,299,753**  
[13] A1  
[51] **Int.Cl. 7E21B 23/00 7E21B 41/00**  
[25] EN  
[54] **DOWNHOLE HYDRAULIC PATH SELECTION**  
[54] **SELECTION DE CHAINE HYDRAULIQUE DE Puits**  
[72] BROWNE, PAUL L., US  
[72] ROBISON, CLARK E., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 2000-02-28  
[43] 2000-09-02  
[30] US (09/260,601) 1999-03-02

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[21] **2,299,760**  
[13] A1  
[51] **Int.Cl. 7C07C 255/60 7A61P 3/00 7A61P 5/00 7A61P 9/00 7A61P 3/04 7A61K 45/06 7A61P 3/10 7A61P 9/10 7A61P 19/10 7A61P 5/14 7A61P 25/24 7A61K 31/275 7A61K 31/277 7A61K 31/33 7C07D 333/38 7C07C 317/40 7C07C 323/41 7C07D 307/68 7C07D 213/81**  
[25] EN  
[54] **CYANO CONTAINING OXAMIC ACIDS AND DERIVATIVES AS THYROID RECEPTOR LIGANDS**  
[54] **ACIDES OXAMIQUES CONTENANT DES GROUPES CYANO ET DERIVES UTILISES COMME LIGANDS DU RECEPTEUR DE LA THYROIDE**  
[72] DOW, ROBERT LEE, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-02-28  
[43] 2000-09-01  
[30] US (60/122,119) 1999-03-01

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[21] **2,299,780**  
[13] A1

[51] **Int.Cl. 7H04M 11/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR IMPROVED DATA TRANSMISSIONS ON TELEPHONE LINKS BETWEEN SERVICE PROVIDERS AND REMOTE CLIENTS**  
[54] **METHODE ET APPAREIL POUR AMELIORER LA TRANSMISSION DES DONNEES SUR LES LIAISONS TELEPHONIQUES ENTRE LES FOURNISSEURS DE SERVICE ET LES CLIENTS ELOIGNES**  
[72] POIRIER, LOUIS, US  
[72] KOSTAN, DEAN ANTHONY, US  
[72] LAZAR, PATRICK I., US  
[72] URIBE, JUAN RAMON, US  
[72] VAIDYA, AVINASH K., US  
[72] ZHONG, XIAOYUE, US  
[72] TORRES, YAMEL, US  
[71] CHARLES INDUSTRIES, LTD., US  
[22] 2000-02-23  
[43] 2000-09-01  
[30] US (09/259,612) 1999-03-01

[21] **2,299,781**  
[13] A1

[51] **Int.Cl. 7C11D 3/39 7C11D 7/18 7C11D 7/38 7C11D 3/395 7C11D 3/40 7C11D 7/54 7C11D 1/72**  
[25] EN  
[54] **PEROXIDE PREPARATIONS CONTAINING MICROENCAPSULATED COLORANTS**  
[54] **PREPARATIONS DE PEROXYDE CONTENANT DES COLORANTS MICROENCAPSULES**  
[72] CARRILLO, LIDIA JIMINEZ, ES  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[22] 2000-02-28  
[43] 2000-08-27  
[30] DE (299 03 534.4) 1999-02-27

[21] **2,299,807**  
[13] A1

[51] **Int.Cl. 7G07F 17/32**  
[25] EN  
[54] **DUAL REWARD GAME**  
[54] **JEU A DOUBLE RECOMPENSE**  
[72] HUMPHREY, DALLAS, US  
[71] EDINA TECHNICAL PRODUCTS, INC., US  
[22] 2000-03-01  
[43] 2000-09-01  
[30] US (60/122,192) 1999-03-01  
[30] US (UNKNOWN) 2000-03-01

[21] **2,299,809**  
[13] A1

[51] **Int.Cl. 7B60C 27/04**  
[25] EN  
[54] **TRACTION DEVICE FOR A WHEELED VEHICLE**  
[54] **DISPOSITIF DE TRACTION POUR VEHICULE A ROUES**  
[72] ROBESON, PALMER, US  
[71] ROBESON, PALMER, US  
[22] 2000-03-01  
[43] 2000-09-01  
[30] US (09/258,898) 1999-03-01

[21] **2,299,812**  
[13] A1

[51] **Int.Cl. 7A61N 5/06 7A61B 18/08**  
[25] EN  
[54] **PHOTO-THERMAL TREATMENT DEVICE**  
[54] **APPAREIL DE THERAPIE PHOTO-THERMIQUE**  
[72] BOIARSKI, ANTHONY A., US  
[72] SHAPIRO, RONALD S., US  
[72] SUTTON, DAVID B., US  
[72] DUNLAP, RICHARD C., US  
[71] PHYSICIAN'S TECHNOLOGY, LLC., US  
[22] 2000-03-01  
[43] 2000-09-02  
[30] US (09/260,778) 1999-03-02

[21] **2,299,814**  
[13] A1

[51] **Int.Cl. 7D21F 3/10**  
[25] EN  
[54] **SUCTION ROLL SEALING STRIP**  
[54] **LISIERE D'ETANCHEITE DE ROULEAU ASPIRANT**  
[72] FRAWLEY, THOMAS EDWARD JR., US  
[71] APPLETON INTERNATIONAL, INC., US  
[22] 2000-03-01  
[43] 2000-09-01  
[30] US (09/258,944) 1999-03-01

[21] **2,299,816**  
[13] A1

[51] **Int.Cl. 7F24C 3/00 7F23L 1/00 7F23L 17/00 7F24C 15/32**  
[25] EN  
[54] **DUAL MODE OF OPERATION FIREPLACES FOR OPERATION IN VENTED OR UNVENTED MODE**  
[54] **FOYERS BIMODE POUR FONCTIONNANT AVEC OU SANS MISE A L'AIR LIBRE**  
[72] LYONS, DAVID CHARLES, US  
[72] DETERMAN, BRADLEY DEAN, US  
[72] SHIMEK, RONALD JOHN, US  
[72] BENNETT, ROBB EDWARD, US  
[71] HEAT-N-GLO FIREPLACE PRODUCTS INC., US  
[71] HEAT-N-GLO FIREPLACE PRODUCTS INC., US  
[22] 2000-03-01  
[43] 2000-09-02  
[30] US (09/257,743) 1999-03-02

[21] **2,299,845**  
[13] A1

[51] **Int.Cl. 7F17C 13/02 7A47J 37/07 7F17C 13/08**  
[25] EN  
[54] **GAS GRILL TANK SCALE**  
[54] **JAUGE DE RESERVOIR DE CARBURANT POUR BARBECUE**  
[72] SIEG, EDWALD, US  
[71] WEBER STEPHEN PRODUCTS CO., US  
[22] 2000-03-02  
[43] 2000-09-02  
[30] US (09/260,839) 1999-03-02

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

[51] **Int.Cl. 7H02G 15/18 7H01R 25/00**  
[25] EN  
[54] **SPLICE ABSORBING STRUCTURE**  
[54] **STRUCTURE ELASTIQUE POUR EPISSURES**  
[72] SAKAMOTO, MASAMI, JP  
[72] MATSUOKA, YUTAKA, JP  
[71] YAZAKI CORPORATION, JP  
[22] 2000-02-29  
[43] 2000-09-01  
[30] JP (11-53290) 1999-03-01



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[21] **2,299,857**  
[13] A1

[51] **Int.Cl. 7C07C 215/08 7C09F 1/04 7C23F 11/10**  
[25] EN  
[54] **CORROSION INHIBITOR AND PROCESS**  
[54] **INHIBITEUR DE CORROSION ET PROCEDE**  
[72] KYLE, GERALD H., US  
[71] CHEMAX, INC. (A CORPORATION OF THE STATES OF SOUTH CAROLINA), US  
[22] 2000-03-02  
[43] 2000-09-02  
[30] US (09/260,684) 1999-03-02

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[21] **2,299,869**  
[13] A1

[51] **Int.Cl. 7A61L 2/10**  
[25] EN  
[54] **STERILIZATION SYSTEM**  
[54] **SYSTEME DE STERILISATION**  
[72] ENNS, JOHN B., US  
[72] INGRAM, DOUGLAS, US  
[72] EBEL, JAMES A., US  
[72] DEHKORDI, PEYMAN, US  
[71] JOHNSON & JOHNSON VISION CARE, INC., US  
[22] 2000-02-29  
[43] 2000-09-01  
[30] US (09/259,796) 1999-03-01

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[21] **2,299,888**  
[13] A1

[51] **Int.Cl. 7B66C 23/70**  
[25] EN  
[54] **ROTATABLE CONNECTION SYSTEM FOR CRANE BOOM SECTIONS**  
[54] **SYSTEME DE CONNEXIONS ROTATIVES POUR SECTIONS DE FLECHE DE GRUE**  
[72] WALKER, ROBERT J., US  
[71] MANITOWOC CRANE GROUP, INC., US  
[22] 2000-03-01  
[43] 2000-09-01  
[30] US (09/259,223) 1999-03-01

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[21] **2,299,861**  
[13] A1

[51] **Int.Cl. 7H01H 83/02**  
[25] EN  
[54] **GFCI GROUND FAULT CURRENT FILTERING**  
[54] **FILTRAGE DE COURANT DE DEFAUT POUR DISJONCTEUR DIFFERENTIEL**  
[72] ZARETSKY, AL, US  
[71] LEVITON MANUFACTURING CO., INC., US  
[22] 2000-02-29  
[43] 2000-09-01  
[30] US (09/260,991) 1999-03-01

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[21] **2,299,872**  
[13] A1

[51] **Int.Cl. 7B29C 47/08 7B29C 51/00 7E04F 13/18**  
[25] EN  
[54] **METHODS FOR USING A SUPPORT BACKER BOARD SYSTEM FOR SIDING**  
[54] **METHODE D'UTILISATION D'UN SYSTEME DE PANNEAUX DE SUPPORT POUR REVETEMENT EXTERIEUR**  
[72] LUBKER, JOHN W., II, US  
[72] HEBERT, GREGG A., US  
[71] PACTIV CORPORATION, US  
[22] 2000-03-01  
[43] 2000-09-02  
[30] US (09/261,286) 1999-03-02

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[21] **2,299,891**  
[13] A1

[51] **Int.Cl. 7C06B 21/00 7B01J 19/10**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF CRYSTALLINE ENERGETIC MATERIALS**  
[54] **PROCEDE DE FABRICATION DE MATIERES ENERGETIQUES CRISTALLINES**  
[72] VELTMANS, WILHELMINA HELENA MARIA, NL  
[72] WIERCKX, FRANCISCUS JOHANNES MARIA, NL  
[71] AEROSPACE PROPULSION PRODUCTS B.V., NL  
[22] 2000-03-01  
[43] 2000-09-02  
[30] EP (99200592.6) 1999-03-02

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[21] **2,299,867**  
[13] A1

[51] **Int.Cl. 7G06F 17/21 7G06F 17/30**  
[25] EN  
[54] **CUSTOMIZED RETRIEVAL AND PRESENTATION OF INFORMATION FROM A DATABASE**  
[54] **RECUPERATION ET PRESENTATION PERSONNALISEES D'INFORMATION PROVENANT D'UNE BASE DE DONNEES**  
[72] McCULLY, ERIC, CA  
[71] COGNOS INCORPORATED, CA  
[22] 2000-03-02  
[43] 2000-09-02  
[30] CA (2,264,321) 1999-03-02

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[21] **2,299,881**  
[13] A1

[51] **Int.Cl. 7G01N 21/59 7C01B 11/02 7G01N 21/55**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PHOTOMETRIC ANALYSIS OF CHLORINE DIOXIDE SOLUTIONS**  
[54] **METHODE ET APPAREIL D'ANALYSE PHOTOMETRIQUE DE SOLUTIONS DE DIOXYDE DE CHLORE**  
[72] HILDEBRAND, DAVID AUGUST, US  
[72] CAMPBELL, KURLAND SCOTT, US  
[71] VULCAN CHEMICALS, US  
[22] 2000-03-01  
[43] 2000-09-02  
[30] US (09/260,801) 1999-03-02

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[21] **2,299,893**  
[13] A1

[51] **Int.Cl. 7A61K 38/21 7A61P 31/18**  
[25] EN  
[54] **HIV THERAPY**  
[54] **TRAITEMENT CONTRE LE VIH**  
[72] STALGIS, CARLOS O., US  
[72] GLUE, PAUL W., US  
[72] LAUGHLIN, MARK A., US  
[71] SCHERING CORPORATION, US  
[22] 2000-03-01  
[43] 2000-09-02  
[30] US (09/260,388) 1999-03-02  
[30] US (09/268,521) 1999-03-12  
[30] US (09/288,358) 1999-04-08  
[30] US (09/454,004) 1999-12-03

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[21] **2,299,900**  
[13] A1

[51] **Int.Cl. 7G01N 21/88 7G01N 21/89**  
[25] EN  
[54] **METHOD FOR SYNCHRONISING IMAGE DATA OBTAINED FROM PROCESS MONITORING CAMERAS**  
[54] **METHODE DE SYNCHRONISATION DES DONNEES D'IMAGE PROVENANT DES CAMERAS DE SURVEILLANCE DE PROCESSUS**  
[72] VALKONEN, MIKA, FI  
[72] SNELLMAN, JORMA, FI  
[72] TOIVONEN, JUHA, FI  
[71] HILDECO OY LTD., FI  
[22] 2000-02-29  
[43] 2000-09-01  
[30] FI (990428) 1999-03-01

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[21] **2,299,951**  
[13] A1

[51] **Int.Cl. 7E21B 21/06 7E21B 43/34**  
[25] EN  
[54] **METHOD AND APPARATUS FOR HANDLING AND DISPOSAL OF OIL AND GAS WELL DRILL CUTTINGS**  
[54] **METHODE ET DISPOSITIF DE MANUTENTION ET D'EVACUATION DES DEBLAIS DE Puits DE PETROLE ET DE GAZ**  
[72] DIETZEN, GARY H., US  
[71] M-I L.L.C., US  
[22] 2000-02-29  
[43] 2000-09-02  
[30] US (09/260,949) 1999-03-02

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[21] **2,299,953**  
[13] A1

[51] **Int.Cl. 7C10G 47/32 7C10G 47/12**  
[25] EN  
[54] **COMBINED STEAM CONVERSION PROCESS FOR TREATING VACUUM GAS OIL**  
[54] **PROCEDE MIXTE DE CONVERSION DE VAPEUR POUR TRAITEMENT DU GAZOLE SOUS VIDE**  
[72] ROSA-BRUSSIN, MARCOS F., VE  
[72] CAMEJO, WILLIAM Y., VE  
[72] ROJAS, IRAIMA J., VE  
[72] VELASQUEZ, JOSE R., VE  
[72] ROMERO, TRINO J., VE  
[72] PEREIRA, PEDRO R., VE  
[72] TUSA, ALFONSO L., VE  
[71] INTEVEP S.A., VE  
[22] 2000-02-29  
[43] 2000-09-02  
[30] US (09/260,108) 1999-03-02

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[21] **2,299,960**  
[13] A1

[51] **Int.Cl. 7C25C 1/00 7C25C 7/06 7C25C 1/12**  
[25] EN  
[54] **SOLUTION PURIFICATION METHOD FOR ELECTROLYTE**  
[54] **METHODE DE PURIFICATION DE SOLUTION POUR ELECTROLYTE**  
[72] IMAMURA, MASAKI, JP  
[72] FUKUI, ATSUSHI, JP  
[72] ANDO, KOUJI, JP  
[71] SUMITOMO METAL MINING CO., LTD., JP  
[22] 2000-02-29  
[43] 2000-09-01  
[30] JP (H11-53203) 1999-03-01

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[21] **2,299,972**  
[13] A1

[51] **Int.Cl. 7A61K 31/21 7A61P 3/04 7A61K 31/195**  
[25] EN  
[54] **THYROMIMETIC ANTI-OBESITY AGENTS**  
[54] **AGENTS THYROMIMETIQUES CONTRE L'OBESITE**  
[72] CORNELIUS, PETER, US  
[72] SWICK, ANDREW GORDON, US  
[72] HARGROVE, DIANE MARIE, US  
[72] MORGAN, BRADLEY PAUL, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-02-29  
[43] 2000-09-01  
[30] US (60/122,015) 1999-03-01

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[21] **2,299,975**  
[13] A1

[51] **Int.Cl. 7H01B 7/28 7H02H 7/26**  
[25] EN  
[54] **AN ELECTRICAL EXTENSION CORD WITH IMMERSION DETECTION CIRCUIT INTERRUPTER SAFETY PROTECTION**  
[54] **CORDON DE RALLONGE ELECTRIQUE DOTE D'UN COUPE-CIRCUIT PROTECTEUR A DETECTION D'IMMERSION**  
[72] GERSHEN, BERNARD, US  
[72] CAMPOLO, STEVE, US  
[71] LEVITON MANUFACTURING CO., INC., US  
[22] 2000-02-29  
[43] 2000-09-01  
[30] US (09/259,237) 1999-03-01

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[21] **2,300,583**  
[13] A1

[51] **Int.Cl. 7D01F 8/00 7D01D 5/32**  
[25] FR  
[54] **PROCEDE DE FABRICATION DE FILAMENTS OU DE FIBRES MULTISEGMENTE(E)S, AINSI QUE FILAMENTS OU FIBRES ET SURFACE TEXTILE RESULTANTS**  
[54] **PROCESS FOR MANUFACTURING MULTISEGMENTED FILAMENTS OR FIBRES, AS WELL AS THE RESULTING FILAMENTS OR FIBRES AND THEIR RESULTING TEXTILE SHEETS**  
[72] GROTEN, ROBERT, FR  
[72] RIBOULET, GEORGES, FR  
[72] BARAVIAN, JEAN, FR  
[71] CARL FREUDENBERG, DE  
[22] 2000-02-29  
[43] 2000-09-02  
[30] FR (P 9902663) 1999-03-02

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[21] **2,300,586**  
[13] A1

[51] **Int.Cl. 7D04H 1/54**  
[25] FR  
[54] **NAPPE NONTISSEE EN FILAMENTS OU FIBRES THERMOLIE(E)S**  
[54] **NON-WOVEN MATERIAL OF THERMALLY BONDED FIBRES OR FILAMENTS**  
[72] GROTEN, ROBERT, FR  
[72] BARAVIAN, JEAN, FR  
[72] RIBOULET, GEORGES, FR  
[71] CARL FREUDENBERG, DE  
[22] 2000-02-29  
[43] 2000-09-01  
[30] FR (P 9902601) 1999-03-01

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[21] **2,309,349**  
[13] A1

[51] **Int.Cl. 7C09K 11/02 7A63H 33/28**  
[25] EN  
[54] **BLACK LIGHT BUBBLES**  
[54] **BULLES VISIBLES SOUS UNE SOURCE DE LUMIERE NOIRE**  
[72] SWETLAND, MELODY SUE, US  
[72] SWETLAND, WALLACE BYRON JR., US  
[71] SWETLAND, MELODY SUE, US  
[71] SWETLAND, WALLACE BYRON JR., US  
[22] 2000-06-15  
[43] 2000-08-27

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[21] **2,310,391**  
[13] A1  
[51] **Int.Cl. 7H02M 1/12 7H02M 7/44**  
[25] EN  
[54] **INVERTER WITHOUT HARMONICS**  
[54] **ONDULEUR SANS HARMONIQUES**  
[72] WOBHEN, ALOYS, DE  
[71] WOBHEN, ALOYS, DE  
[85] 2000-05-17  
[86] 1999-10-27 (PCT/EP99/08118)  
[87] 2000-08-25 ()  
[30] DE (199 08 124.7) 1999-02-25

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[21] **2,313,137**  
[13] A1  
[51] **Int.Cl. 7B65D 6/16**  
[25] EN  
[54] **COLLAPSIBLE CONTAINER**  
[54] **CONTENANT PLIABLE**  
[72] APPS, WILLIAM PATRICK, US  
[72] OVERHOLT, TRENTON M., US  
[72] KOEFELDA, GERALD R., US  
[71] REHRIG PACIFIC COMPANY, US  
[85] 2000-06-06  
[86] 1998-12-21 (PCT/US98/27328)  
[87] 1999-07-01 (WO99/32362)  
[30] US (08/994,061) 1997-12-19

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[21] **2,313,152**  
[13] A1  
[51] **Int.Cl. 6C10G 47/16**  
[25] EN  
[54] **A METHOD FOR UPGRADING WAXY FEEDS USING A CATALYST COMPRISING MIXED POWDERED DEWAXING CATALYST AND POWDERED ISOMERIZATION CATALYST FORMED INTO A DISCRETE PARTICLE**  
[54] **PROCEDE D'AMELIORATION DE CHARGES PARAFFINEUSES VIA UN CATALYSEUR RENFERMANT EN COMBINAISON UN PRODUIT CATALYSEUR DE DEPARAFFINAGE EN POUDRE ET UN PRODUIT CATALYSEUR D'ISOMERATION EN POUDRE ET PRESENTE SOUS FORME DE PARTICULE DISCRETE**  
[72] BRANDES, DEE ANN, CA  
[72] MURPHY, WILLIAM JOHN, US  
[72] LINEK, SANDRA JEAN (ALWARD), US  
[72] CODY, IAN ALFRED, US  
[72] FORD, THOMAS JOHN, US  
[72] ZINKIE, DAVID NORMAN EDMUND, CA  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2000-06-08  
[86] 1999-02-12 (PCT/US99/03107)  
[87] 1999-08-13 (WO99/41330)  
[30] US (09/023,571) 1998-02-13

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[21] **2,313,408**  
[13] A1  
[51] **Int.Cl. 6C07F 11/00 6C10M 159/18**  
[25] EN  
[54] **METHOD FOR THE PREPARATION OF TRINUCLEAR MOLYBDENUM-SULFUR COMPOUNDS AND THEIR USE AS LUBRICANT ADDITIVES**  
[54] **PROCEDE DE PREPARATION DE COMPOSES TRINUCLEAIRES DE MOLYBDENE-SOUFRE ET LEUR UTILISATION EN TANT QU'ADDITIFS POUR LUBRIFIANT**  
[72] STIEFEL, EDWARD IRA, US  
[72] BELL, IAN ALEXANDE WESTON, GB  
[72] ARUNASALAM, VELAUTHA CUMARAN, GB  
[72] MCCONNACHIE, JONATHAN MARTIN, US  
[71] INFINEUM USA L.P., US  
[85] 2000-06-07  
[86] 1998-12-08 (PCT/EP98/08124)  
[87] 1999-06-24 (WO99/31113)  
[30] US (08/990,053) 1997-12-12  
[30] GB (9814967.7) 1998-07-10

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[21] **2,313,410**  
[13] A1  
[51] **Int.Cl. 6E05B 73/00**  
[25] EN  
[54] **ANTI-THEFT DEVICE FOR SPECTACLE FRAMES**  
[54] **ANTIVOL POUR MONTURE DE LUNETTES**  
[72] HOLMGREN, BERTIL, SE  
[71] MW TRADING APS, DK  
[85] 2000-06-08  
[86] 1998-12-15 (PCT/SE98/02303)  
[87] 1999-07-22 (WO99/36653)  
[30] SE (9704907-6) 1997-12-30

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[21] **2,313,515**  
[13] A1

[51] **Int.Cl. 6A23J 1/20 6C07K 1/34 6C07K 14/47**  
[25] EN  
[54] **A PROCESS FOR PREPARING A KAPPA-CASEINO GLYCOMACROPEPTIDE OR A DERIVATIVE THEREOF**  
[54] **PROCEDE DE PREPARATION D'UN GLYCOMACROPEPTIDE KAPPA-CASEINIQUE OU D'UN DERIVE**  
[72] CHATTERTON, DEREK, DK  
[72] HOLST, HANS HENRIK, DK  
[71] M.D. FOODS A.M.B.A., DK  
[85] 2000-06-08  
[86] 1998-12-09 (PCT/DK98/00543)  
[87] 1999-06-17 (WO99/29183)  
[30] DK (1441/97) 1997-12-11

[21] **2,313,516**  
[13] A1

[51] **Int.Cl. 6C08B 30/10 6C08L 3/00 6C08L 99/00**  
[25] EN  
[54] **BIODEGRADABLE MOULDINGS**  
[54] **OBJETS MOULES BIODEGRADABLES**  
[72] RODENBURG, JAN ARIE, NL  
[72] STUUT, PETER IWAN, NL  
[72] JONGBOOM, REMIGUS OENE JULES, NL  
[71] RODENBURG VEEVOEDERS B.V., NL  
[85] 2000-06-08  
[86] 1998-12-08 (PCT/NL98/00704)  
[87] 1999-06-17 (WO99/29733)  
[30] NL (1007735) 1997-12-08  
[30] NL (1009449) 1998-06-17

[21] **2,313,517**  
[13] A1

[51] **Int.Cl. 6C07C 49/707 6C07C 229/08 6A61K 31/12 6A61K 31/165 6C07D 513/18 6C07C 233/25 6A61K 31/415 6A61K 31/44 6A61K 31/495 6C07D 233/60 6C07D 213/65 6C07C 49/753**  
[25] EN  
[54] **APOPTOSIS INDUCER**  
[54] **INDUCTEURS DE L'APOPTOSE**  
[72] IKAI, KATSUSHIGE, JP  
[72] KATO, IKUNOSHIN, JP  
[72] KOYAMA, NOBUTO, JP  
[72] ENOKI, TATSUJI, JP  
[71] TAKARA SHUZO CO., LTD., JP  
[85] 2000-06-08  
[86] 1998-12-08 (PCT/JP98/05554)  
[87] 1999-06-17 (WO99/29647)  
[30] JP (361644/97) 1997-12-11

[21] **2,313,518**  
[13] A1

[51] **Int.Cl. 6E04C 5/06 6E04B 5/43**  
[25] EN  
[54] **SHEARING REINFORCEMENT FOR FLAT CEILINGS AND DOWEL STRIP**  
[54] **ARMATURE DE CISAILLEMENT POUR PLAFONDS PLATS ET PROFILE A GOUJONS CORRESPONDANT**  
[72] SCHRADER, GERHARD, DE  
[72] ERNST, PETER, DE  
[71] DEHA ANKERSYSTEME GMBH & CO. KG, DE  
[85] 2000-06-08  
[86] 1998-12-10 (PCT/EP98/08031)  
[87] 1999-07-01 (WO99/32737)  
[30] DE (197 56 358.9) 1997-12-18

[21] **2,313,519**  
[13] A1

[51] **Int.Cl. 6B60R 13/02 6B60R 13/08 6G10K 11/172**  
[25] EN  
[54] **ULTRALIGHT, SOUND AND SHOCK ABSORBING COMPONENT SET**  
[54] **JEU DE PIECES ULTRALEGERES A ABSORPTION DES BRUITS ET DES CHOCS**  
[72] ALTS, THORSTEN, DE  
[71] RIETER AUTOMOTIVE (INTERNATIONAL) AG, CH  
[85] 2000-06-08  
[86] 1999-01-06 (PCT/CH99/00005)  
[87] 1999-07-15 (WO99/35007)  
[30] CH (34/98) 1998-01-09

[21] **2,313,520**  
[13] A1

[51] **Int.Cl. 6B05C 17/02**  
[25] EN  
[54] **BIFURCATED ROLLER WITH PAINT TRAY DIVIDER RECEIVER AND INTEGRAL FRAME**  
[54] **ROULEAU A PEINTURE BIFURQUE COMPORTANT UN LOGEMENT PRESENTANT UN SEPARATEUR DE BAC A PEINTURE ET UN BATI SOLIDAIRE**  
[72] MULCAHY, GARY T., SR., US  
[71] WAGNER SPRAY TECH CORPORATION, US  
[85] 2000-06-08  
[86] 1999-02-05 (PCT/US99/02454)  
[87] 1999-08-12 (WO99/39836)  
[30] US (09/018,927) 1998-02-05

[21] **2,313,521**  
[13] A1

[51] **Int.Cl. 6A61F 2/16**  
[25] EN  
[54] **ACCOMMODATING INTRAOCULAR LENS**  
[54] **LENTILLE INTRAOCULAIRE A ACCOMODATION**  
[72] CUMMING, J. STUART, US  
[71] CUMMING, J. STUART, US  
[85] 2000-06-08  
[86] 1998-12-09 (PCT/US98/26171)  
[87] 1999-06-17 (WO99/29266)  
[30] US (08/987,531) 1997-12-09

[21] **2,313,522**  
[13] A1

[51] **Int.Cl. 6A61F 2/20 6A61M 16/04 6A61M 16/10**  
[25] EN  
[54] **SPEECH VALVE ASSEMBLY**  
[54] **ENSEMBLE SOUPAPES VOCAL**  
[72] SCHOUWENBURG, PAUL FERDINAND, NL  
[71] SCHOUWENBURG, PAUL FERDINAND, NL  
[85] 2000-06-08  
[86] 1998-12-08 (PCT/NL98/00703)  
[87] 1999-06-17 (WO99/29268)  
[30] NL (1007736) 1997-12-08

[21] **2,313,523**  
[13] A1

[51] **Int.Cl. 6B05D 1/00 6C09J 7/02 6B05D 5/10**  
[25] EN  
[54] **CONTROLLED DROPLET FORMED LAYERED STRUCTURES**  
[54] **STRUCTURES STRATIFIEES FORMEES PAR GOUTTELETTES CONTROLEES**  
[72] LICON, MARK ANTHONY, US  
[72] ECKHARDT, TIMOTHY RYAN, US  
[72] GERMERAAD, PAUL B., US  
[72] REAVES, JESSIE C., US  
[72] AKHAVE, JAY R., US  
[72] POPAT, GHANSHYAM H., US  
[72] IYER, PRADEEP S., US  
[71] AVERY DENNISON CORPORATION, US  
[85] 2000-06-08  
[86] 1998-12-07 (PCT/US98/25875)  
[87] 1999-06-17 (WO99/29436)  
[30] US (60/067,904) 1997-12-08

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[21] **2,313,524**  
[13] A1

[51] **Int.Cl. 6C01D 15/08**  
[25] EN  
[54] **PROCESS FOR THE PURIFICATION OF LITHIUM CARBONATE**  
[54] **PROCEDE DE PURIFICATION DU CARBONATE DE LITHIUM**  
[72] AMOUZEGAR, KAMYAB, CA  
[72] HARRISON, STEPHEN, CA  
[72] ST-AMANT, GUY, CA  
[71] LIMTECH, CA  
[85] 2000-06-08  
[86] 1998-12-07 (PCT/CA98/01132)  
[87] 1999-06-17 (WO99/29624)  
[30] US (60/069,165) 1997-12-09  
[30] US (09/143,330) 1998-08-28

[21] **2,313,525**  
[13] A1

[51] **Int.Cl. 6H04N 7/01 6H04N 7/26**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR CONVERTING AN MPEG-2 BITSTREAM INTO AN SMPTE-259 COMPATIBLE BITSTREAM**  
[54] **PROCEDE ET APPAREIL DE CONVERSION D'UN TRAIN DE BITS MPEG-2 EN UN TRAIN DE BITS COMPATIBLE AVEC SMPTE-259**  
[72] JONSSON, RAGNAR HLYNUR, IS  
[72] BHATT, BHAVESH  
BHALCHANDRA, US  
[71] THOMSON LICENSING S.A., FR  
[85] 2000-06-08  
[86] 1998-12-19 (PCT/US98/26917)  
[87] 1999-07-11 (WO99/33268)  
[30] US (08/994,078) 1997-12-19

[21] **2,313,526**  
[13] A1

[51] **Int.Cl. 6G10L 5/00**  
[25] EN  
[54] **APPARATUS AND METHODS FOR DETECTING EMOTIONS**  
[54] **APPAREIL ET PROCEDES POUR LA DETECTION D'EMOTIONS**  
[72] LIBERMAN, AMIR, IL  
[71] CARMEL, AVI, IL  
[71] LIBERMAN, AMIR, IL  
[85] 2000-06-08  
[86] 1998-12-16 (PCT/IL98/00613)  
[87] 1999-06-24 (WO99/31653)  
[30] IL (122632) 1997-12-16

[21] **2,313,533**  
[13] A1

[51] **Int.Cl. 6G06T 1/00 6G07C 9/00 6A01K 29/00 6A01J 5/017**  
[25] EN  
[54] **AN APPARATUS AND A METHOD FOR MONITORING AN ANIMAL RELATED SPACE**  
[54] **APPAREIL ET PROCEDE DE SURVEILLANCE D'ESPACE LIE A UN ANIMAL**  
[72] BIRK, UZI, SE  
[71] DELAVAL HOLDING AB, SE  
[85] 2000-06-08  
[86] 1998-12-09 (PCT/SE98/02270)  
[87] 1999-06-17 (WO99/30277)  
[30] SE (9704589-2) 1997-12-09

[21] **2,313,534**  
[13] A1

[51] **Int.Cl. 7G06F 3/033 7G06F 1/16**  
[25] EN  
[54] **ELECTRONIC EQUIPMENT, AUXILIARY INFORMATION DISPLAY DEVICE, AND PORTABLE GAME MACHINE**  
[54] **EQUIPEMENT ELECTRONIQUE, DISPOSITIF D'AFFICHAGE D'INFORMATIONS AUXILIAIRES ET MACHINE DE JEU PORTATIVE**  
[72] OHBA, AKIO, JP  
[72] OKA, MASAOKI, JP  
[72] AOKI, SACHIYO, JP  
[72] SASAKI, NOBUO, JP  
[71] SONY COMPUTER ENTERTAINMENT INC., JP  
[85] 2000-06-08  
[86] 1999-10-07 (PCT/JP99/05532)  
[87] 2000-04-13 (WO00/20958)  
[30] JP (10/286882) 1998-10-08

[21] **2,313,535**  
[13] A1

[51] **Int.Cl. 6B21B 1/46 6B21B 1/26**  
[25] EN  
[54] **PROCESS AND DEVICE FOR PRODUCING A FERRITICALLY ROLLED STEEL STRIP**  
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION D'UNE BANDE D'ACIER A LAMINAGE FERRITIQUE**  
[72] BODIN, ANDRE, NL  
[71] CORUS STAAL B.V., NL  
[85] 2000-06-08  
[86] 1998-12-08 (PCT/NL98/00699)  
[87] 1999-06-17 (WO99/29446)  
[30] NL (1007731) 1997-12-08

[21] **2,313,536**  
[13] A1

[51] **Int.Cl. 6B21B 1/26 6C21D 8/02 6C21D 1/18 6B21B 1/46**  
[25] EN  
[54] **PROCESS AND DEVICE FOR PRODUCING A HIGH-STRENGTH STEEL STRIP**  
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION D'UNE BANDE D'ACIER HAUTE RESISTANCE**  
[72] BODIN, ANDRE, NL  
[72] HOOGENDOORN, THOMAS  
MARTINUS, NL  
[71] CORUS STAAL B.V., NL  
[85] 2000-06-08  
[86] 1998-12-08 (PCT/NL98/00700)  
[87] 1999-06-17 (WO99/29444)  
[30] NL (1007732) 1997-12-08  
[30] NL (1007739) 1997-12-09

[21] **2,313,537**  
[13] A1

[51] **Int.Cl. 6B09C 1/02 6B09C 1/08 6B01D 21/26**  
[25] EN  
[54] **SYSTEM FOR PROCESSING OIL REFINERY WASTE**  
[54] **SYSTEME DE TRAITEMENT DES DECHETS DE RAFFINERIE DE PETROLE**  
[72] CONAWAY, LAWRENCE M., US  
[71] CONTINUUM ENVIRONMENTAL, INC., US  
[85] 2000-06-08  
[86] 1998-11-16 (PCT/US98/24476)  
[87] 1999-05-27 (WO99/25497)  
[30] US (08/971,514) 1997-11-17

[21] **2,313,538**  
[13] A1

[51] **Int.Cl. 6B21B 1/46 6B21B 15/00 6B21B 1/26**  
[25] EN  
[54] **DEVICE AND PROCESS FOR PRODUCING A STEEL STRIP**  
[54] **DISPOSITIF ET PROCEDE SERVANT A FABRIQUER UNE BANDE D'ACIER**  
[72] ZUURBIER, SIMON PETRUS ANTHONIUS, NL  
[72] NIJVELD, ERIK MARCO, NL  
[71] CORUS STAAL B.V., NL  
[85] 2000-06-08  
[86] 1998-12-08 (PCT/NL98/00698)  
[87] 1999-06-17 (WO99/29445)  
[30] NL (1007730) 1997-12-08

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<p style="text-align: right;">[21] <b>2,313,539</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16L 11/04 6F16L 11/08</b> [25] EN [54] <b>HOSES OR FLEXIBLE PIPES</b> [54] <b>TUYAUX FLEXIBLES</b> [72] DIXON-ROCHE, KEITH, GB [71] DIXON-ROCHE, KEITH, GB [85] 2000-06-08 [86] 1998-12-07 (PCT/GB98/03650) [87] 1999-07-01 (WO99/32820) [30] GB (9726729.8) 1997-12-19 [30] GB (9805374.7) 1998-03-14</p>	<p style="text-align: right;">[21] <b>2,313,544</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08F 20/04 6C08F 2/10 6D21H 21/10 6C02F 11/12</b> [25] EN [54] <b>ANIONIC POLYMER PRODUCTS AND PROCESSES</b> [54] <b>PRODUITS POLYMERES ANIONIQUES ET PROCEDES</b> [72] HAUNN-LIN, CHEN, US [71] CYTEC TECHNOLOGY CORP., US [85] 2000-06-08 [86] 1998-11-03 (PCT/US98/23330) [87] 1999-06-17 (WO99/29745) [30] US (08/986,021) 1997-12-10</p>	<p style="text-align: right;">[21] <b>2,313,618</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/00 6A61K 31/50 6A61K 9/70</b> [25] EN [54] <b>TRANSMUCOSAL FORMULATIONS OF LEVOSIMENDAN</b> [54] <b>FORMULATIONS TRANSMUQUEUSES DE LEVOSIMENDANE</b> [72] VIRTANEN, RAIMO, FI [72] KARLSSON, MARIANNE, FI [72] MARVOLA, MARTTI, FI [72] LARMA, ILKKA, FI [72] KURKELA, KAUKO, FI [71] ORION CORPORATION, FI [85] 2000-07-08 [86] 1998-12-11 (PCT/FI98/00977) [87] 1999-07-01 (WO99/32081) [30] FI (974578) 1997-12-18</p>
<p style="text-align: right;">[21] <b>2,313,540</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61C 8/00</b> [25] EN [54] <b>INTEGRATED GUIDED-TISSUE-REGENERATION BARRIER FOR ROOT-FORM DENTAL IMPLANTS</b> [54] <b>BARRIERE INTEGREE DE GUIDAGE DE REGENERATION TISSULAIRE POUR IMPLANTS DENTAIRE EN FORME DE RACINE</b> [72] SCHAPPERT, DOUGLAS ALAN, CA [71] SCHAPPERT, DOUGLAS ALAN, CA [85] 2000-06-08 [86] 1998-12-10 (PCT/CA98/01145) [87] 1999-06-17 (WO99/29254) [30] CA (2,224,332) 1997-12-10 [30] CA (2,235,705) 1998-04-23</p>	<p style="text-align: right;">[21] <b>2,313,546</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F21V 7/00</b> [25] EN [54] <b>NEUTRAL DENSITY POLYMERIC MATERIAL FOR LIGHTING FIXTURE</b> [54] <b>MATERIAU POLYMERE DE DENSITE NEUTRE POUR DISPOSITIF D'ECLAIRAGE</b> [72] BARNES, THOMAS F., II, US [72] TROPPEMAN, DALE A., US [72] ROBINSON, JOEL E., US [71] LEXALITE INTERNATIONAL CORPORATION, US [85] 2000-06-08 [86] 1999-01-22 (PCT/US99/01243) [87] 1999-08-12 (WO99/40365) [30] US (09/020,817) 1998-02-09</p>	<p style="text-align: right;">[21] <b>2,313,626</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/22 6A61K 31/225</b> [25] EN [54] <b>METHODS AND COMPOSITIONS FOR TREATING DIABETES</b> [54] <b>METHODES ET COMPOSITIONS DE TRAITEMENT DU DIABETE</b> [72] PECK, LOUISE W., US [72] VANDEN HEUVEL, JOHN P., US [72] BELURY, MARTHA A., US [71] PURDUE RESEARCH FOUNDATION, US [71] THE PENN STATE RESEARCH FOUNDATION, US [85] 2000-06-09 [86] 1998-12-11 (PCT/US98/26469) [87] 1999-06-17 (WO99/29317) [30] US (60/069,567) 1997-12-12</p>
<p style="text-align: right;">[21] <b>2,313,542</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 33/23</b> [25] EN [54] <b>ROTARY DISK FILTER</b> [54] <b>FILTRE A DISQUE ROTATIF</b> [72] MOHLIN, ANDERS, SE [72] RALVERT, AKE, SE [71] HYDROTECH NILS-AKE PERSSON AKTIEBOLAG, SE [85] 2000-06-08 [86] 1998-12-11 (PCT/SE98/02294) [87] 1999-06-24 (WO99/30797) [30] SE (9704632-0) 1997-12-12 [30] US (60/085,807) 1998-05-18</p>	<p style="text-align: right;">[21] <b>2,313,548</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 7/185 6H04Q 7/38</b> [25] EN [54] <b>KEY TRANSFORMS TO DISCRIMINATE BETWEEN BEAMS IN A MULTI-BEAM SATELLITE COMMUNICATION SYSTEM</b> [54] <b>CHANGEMENTS DE CLES POUR FAIRE LA DISTINCTION ENTRE DES FAISCEAUX DANS UN SYSTEME DE COMMUNICATION PAR SATELLITE MULTIFAISCEAU</b> [72] DENT, PAUL W., US [71] ERICSSON INC., US [85] 2000-06-08 [86] 1998-12-08 (PCT/US98/26000) [87] 1999-06-17 (WO99/30437) [30] US (09/005,439) 1997-12-10</p>	

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[21] **2,313,642**  
[13] A1

[51] **Int.Cl. 6A61K 47/32**  
[25] EN  
[54] **PHARMACEUTICAL HYDROGEL FORMULATIONS, DRUG DELIVERY DEVICES AND METHODS**  
[54] **FORMULATIONS PHARMACEUTIQUES A BASE D'HYDROGEL, DISPOSITIFS D'ADMINISTRATION DE MEDICAMENTS ET PROCEDES**  
[72] PUDJIJANTO, STEPHANUS, US  
[72] MURDOCK, THOMAS O., US  
[72] VENKATRAMAN, SUBRAMANIAN S., US  
[71] ALZA CORPORATION, US  
[85] 2000-06-08  
[86] 1998-12-01 (PCT/US98/25120)  
[87] 1999-06-17 (WO99/29348)  
[30] US (08/987,372) 1997-12-09

[21] **2,313,651**  
[13] A1

[51] **Int.Cl. 6C07D 413/14 6C07D 413/12 6A61K 31/155 6C07C 257/18 6C07D 295/26 6A61K 31/41 6A61K 31/495**  
[25] EN  
[54] **BENZAMINE DERIVATIVES**  
[54] **DERIVES DE BENZAMIDINE UTILISES COMME INHIBITEURS DU FACTEUR DE COAGULATION XA**  
[72] GANTE, JOACHIM, DE  
[72] MELZER, GUIDO, DE  
[72] MEDERSKI, WERNER, DE  
[72] ANZALI, SOHEILA, DE  
[72] WURZIGER, HANNS, DE  
[72] JURASZYK, HORST, DE  
[72] BERNOTAT-DANIELOWSKI, SABINE, DE  
[72] DORSCH, DIETER, DE  
[72] BUCHSTALLER, HANS-PETER, DE  
[71] MERCK PATENT GMBH, DE  
[85] 2000-06-09  
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[21] **2,313,653**  
[13] A1

[51] **Int.Cl. 6A61K 38/55**  
[25] EN  
[54] **PREVENTION AND/OR TREATMENT OF ALLERGIC CONDITIONS**  
[54] **PREVENTION ET/OU TRAITEMENT D'ETATS ALLERGIQUES**  
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[72] GARROD, DAVID RONALD, GB  
[71] ST. GEORGE'S HOSPITAL MEDICAL SCHOOL, GB  
[71] THE VICTORIA UNIVERSITY OF MANCHESTER, GB  
[85] 2000-06-09  
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[30] GB (9726114.3) 1997-12-11

[21] **2,313,755**  
[13] A1

[51] **Int.Cl. 7H04L 9/08 7H04Q 7/38**  
[25] EN  
[54] **CHANNEL ASSIGNING DEVICE AND METHOD IN CDMA COMMUNICATION SYSTEM**  
[54] **DISPOSITIF ET PROCEDE D'AFFECTATION DE CANAUX DANS UN SYSTEME DE COMMUNICATION AMRC**  
[72] KIM, DAE-GYUN, KR  
[72] KOO, CHANG-HOI, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
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[86] 1999-10-19 (PCT/KR99/00627)  
[87] 2000-04-27 (WO00/24157)  
[30] KR (44461/1998) 1998-10-19

[21] **2,313,757**  
[13] A1

[51] **Int.Cl. 6G01M 19/00 6G01C 19/00 6G01C 22/00 6G01B 7/14 6G01N 27/82**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETERMINING LOCATION OF CHARACTERISTICS OF A PIPELINE**  
[54] **PROCEDE ET APPAREIL POUR DETERMINER L'EMPLACEMENT DES CARACTERISTIQUES D'UN PIPELINE**  
[72] GLEN, STEPHEN JAMES, GB  
[72] ANDERSON, DONALD WILLIAM, GB  
[72] GILMAN, JAMES MICHAEL ALEXANDER, GB  
[72] BRAYSON, GARY, GB  
[72] TUCK, ALAN, GB  
[72] IGNAGNI, MARIO B., US  
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[71] PII NORTH AMERICA, INC., US  
[71] HONEYWELL, INC., US  
[85] 2000-06-08  
[86] 1998-12-22 (PCT/US98/27506)  
[87] 1999-07-01 (WO99/32902)  
[30] US (08/996,504) 1997-12-23

[21] **2,313,758**  
[13] A1

[51] **Int.Cl. 6G06F 17/00 6A61B 5/12**  
[25] EN  
[54] **METHOD AND APPARATUS FOR OBTAINING EVOKED OTOACOUSTIC EMISSIONS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'OBTENIR DES EMISSIONS OTO-ACOUSTIQUES EVOQUEES**  
[72] THORNTON, ARTHUR ROGER DAVID, GB  
[71] MEDICAL RESEARCH COUNCIL, GB  
[85] 2000-06-08  
[86] 1998-12-17 (PCT/GB98/03789)  
[87] 1999-07-01 (WO99/32989)  
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[13] A1  
[51] **Int.Cl. 6C07F 3/02 6C07C 63/04 6C07C 41/06 6C07C 51/15 6C07C 319/20 6C07C 65/21 6C07C 43/225 6C07C 323/62**  
[25] EN  
[54] **PROCESS FOR PRODUCING TOLUENE DERIVATIVES**  
[54] **PROCEDE DE PRODUCTION DE DERIVES DE TOLUENE**  
[72] MAGARIBUCHI, KAGETOMO, JP  
[72] HAMADA, YUSUKE, JP  
[72] YOSHIDA, YASUO, JP  
[72] TAKEUCHI, HIROAKI, JP  
[71] IHARA CHEMICAL INDUSTRY CO., LTD., JP  
[85] 2000-06-08  
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[30] JP (9/356197) 1997-12-09  
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[13] A1  
[51] **Int.Cl. 6B63C 11/24**  
[25] EN  
[54] **METHOD AND DEVICE FOR PRODUCING AUTONOMOUS BREATHING GAS AND PROCESSING AND PROVISION OF BREATHING GAS FOR A DIVER AT EXTREME DEPTHS**  
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE, TRAITER ET FOURNIR DE FACON AUTONOME DU GAZ RESPIRATOIRE DESTINE A UN PLONGEUR SE TROUVANT A DES PROFONDEURS EXTREMES**  
[72] TODOROV, GUEORGUI, DE  
[71] TODOROV, GUEORGUI, DE  
[85] 1999-11-02  
[86] 1998-04-03 (PCT/EP98/01976)  
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[30] DE (197 16 749.7) 1997-04-11  
[30] DE (198 16 373.8) 1998-04-03

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[13] A1  
[51] **Int.Cl. 6H04N 1/405**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING THRESHOLD ARRAYS USING VARIANCE MINIMIZATION AND PIXEL ANGLE CALCULATIONS**  
[54] **PROCEDE ET APPAREIL SERVANT A PRODUIRE DES MATRICES DE SEUILS EN MINIMISANT LA VARIANCE ET EN CALCULANT LES ANGLES DES PIXELS**  
[72] PETERS, MICHAEL ALAN, US  
[71] ELECTRONICS FOR IMAGING, INC., US  
[85] 2000-06-08  
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[87] 1999-07-01 (WO99/33257)  
[30] US (08/995,287) 1997-12-19

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[13] A1  
[51] **Int.Cl. 6A61H 3/06 6A61F 11/04 6B63C 11/48**  
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[54] **SPATIAL AWARENESS DEVICE**  
[54] **DISPOSITIF DE SENSIBILISATION A L'ESPACE**  
[72] WATERS, DEAN ANDREW, GB  
[72] POVEY, MALCOLM JAMES WILLIAM, GB  
[72] WITHINGTON, DEBORAH JANE, GB  
[72] HOYLE, BRIAN STEWART, GB  
[71] THE UNIVERSITY OF LEEDS, GB  
[85] 2000-06-08  
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[87] 1999-06-17 (WO99/29276)  
[30] GB (9726014.5) 1997-12-09

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[13] A1  
[51] **Int.Cl. 6H04Q 11/04 6H04L 12/56**  
[25] EN  
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[54] **SYSTEME DE MISE EN RESEAU**  
[72] AGGARWAL, VIJAY, US  
[72] KONG, THOMAS, US  
[72] OPALKA, ZBIGNIEW, US  
[72] FIRTH, CHRISTOPHER, US  
[72] CONSTANTINO, CARL, US  
[71] NEXABIT NETWORKS INC., US  
[85] 2000-06-08  
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[13] A1  
[51] **Int.Cl. 6H04N 7/16**  
[25] EN  
[54] **PROGRAM SIGNAL BLOCKING SYSTEM**  
[54] **SYSTEME DE BLOCAGE DE SIGNAUX D'EMISSION**  
[72] FORLER, JOSEPH WAYNE, US  
[71] THOMSON LICENSING S.A., FR  
[85] 2000-06-08  
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[51] **Int.Cl. 6C07D 403/04 6C07D 453/02 6C07D 401/04 6C07D 405/04 6C07D 407/04 6C07D 409/04 6C07D 417/04 6C07D 409/06 6C07D 401/10 6C07D 407/10 6C07D 409/10 6C07D 413/10 6C07D 401/12 6C07D 251/18 6A61K 31/53**  
[25] EN  
[54] **TRIAZINE ANGIOGENESIS INHIBITORS**  
[54] **INHIBITEURS D'ANGIOGENESE A BASE DE TRIAZINE**  
[72] HENKIN, JACK, US  
[72] MCCROSKEY, RICHARD W., US  
[72] SHEPPARD, GEORGE S., US  
[72] DAVIDSON, DONALD J., US  
[72] WOODS, KEITH W., US  
[71] ABBOTT LABORATORIES, US  
[85] 2000-06-08  
[86] 1998-12-11 (PCT/US98/26369)  
[87] 1999-06-24 (WO99/31088)  
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[30] US (09/209,396) 1998-12-10

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[13] A1

[51] **Int.Cl. 6B21D 53/16**  
[25] EN  
[54] **METHOD FOR PRODUCING A CURVED METAL SHEET STRIP, AND SAID CURVED METAL SHEET STRIP**  
[54] **PROCEDE POUR LA PRODUCTION D'UN FEUILLARD DE TOLE METALLIQUE INCURVE ET FEUILLARD DE TOLE METALLIQUE INCURVE AINSI PRODUIT**  
[72] IBISHIAN, MISSAK, EG  
[72] HARBEC, GERMAIN, CA  
[72] FORCIONE, ALAIN, CA  
[71] HYDRO-QUEBEC, CA  
[85] 2000-06-08  
[86] 1999-01-25 (PCT/CA99/00058)  
[87] 1999-08-05 (WO99/38628)  
[30] CA (2,225,097) 1998-01-28

[21] **2,313,780**  
[13] A1

[51] **Int.Cl. 6B60R 22/02 6B60R 22/04 6B64D 25/06 6B60R 22/18 6B60N 2/42**  
[25] EN  
[54] **RESTRAINT SYSTEM IN VEHICLES, TRAINS AND AIRCRAFT FOR INCREASING PASSENGER SAFETY**  
[54] **SYSTEME DE RETENUE SERVANT A AUGMENTER LA SECURITE DES PASSAGERS D'UN VEHICULE AUTOMOBILE, D'UN TRAIN OU D'UN AVION**  
[72] GO, GIOK DJIEN, DE  
[71] GO, GIOK DJIEN, DE  
[85] 2000-04-17  
[86] 1998-11-10 (PCT/DE98/03270)  
[87] 1999-05-20 (WO99/24294)  
[30] DE (197 49 780.2) 1997-11-11

[21] **2,313,789**  
[13] A1

[51] **Int.Cl. 7A23J 3/16 7A23L 1/30 7A61K 35/78**  
[25] EN  
[54] **SOY FORMULATIONS AND THEIR USE FOR PROMOTING HEALTH**  
[54] **FORMULATIONS AU SOJA ET UTILISATION DE CES DERNIERES POUR AMELIORER LA SANTE**  
[72] TABOR, AARON, US  
[71] TABOR, AARON, US  
[85] 2000-06-08  
[86] 1999-07-16 (PCT/US99/16203)  
[87] 2000-01-27 (WO00/03684)  
[30] US (60/092,985) 1998-07-16  
[30] US (60/105,797) 1998-10-27

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[13] A1

[51] **Int.Cl. 6H01M 4/30**  
[25] EN  
[54] **BATTERY CATHODE**  
[54] **CATHODE DE PILE**  
[72] CERVERA, JAMES, US  
[72] BRYN, BARBARA, US  
[72] HOWARD, MARTIN W., US  
[72] HAMILTON, TERRY L., US  
[72] FARISS, GREGORY A., US  
[72] TAY, GEORGE I., US  
[72] HARRIS, PETER B., US  
[72] WOODNORTH, DOUGLAS J., US  
[71] DURACELL INC., US  
[85] 2000-06-09  
[86] 1998-12-14 (PCT/US98/26490)  
[87] 1999-07-08 (WO99/34462)  
[30] US (09/001,822) 1997-12-31  
[30] US (09/054,928) 1998-04-03

[21] **2,313,791**  
[13] A1

[51] **Int.Cl. 6C09J 7/02 6C08J 5/18**  
[25] EN  
[54] **ORIENTED POLYPROPYLENE-BASED BACKING FILMS FOR ADHESIVE TAPE**  
[54] **FILMS DE SUPPORT A BASE DE POLYPROPYLENE ORIENTE POUR RUBAN ADHESIF**  
[72] HAGER, PATRICK J., US  
[72] PEARSON, SCOTT D., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-06-09  
[86] 1997-12-10 (PCT/US97/23072)  
[87] 1999-06-17 (WO99/29794)

[21] **2,313,792**  
[13] A1

[51] **Int.Cl. 6F16F 15/32 6C09J 7/02**  
[25] EN  
[54] **WHEEL WEIGHT/TAPE ARTICLE AND A METHOD OF USING**  
[54] **ARTICLE SOUS FORME DE BANDE A MASSE D'EQUILIBRAGE ET SON PROCEDE D'UTILISATION**  
[72] WOLLNER, MARK R., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-06-09  
[86] 1997-12-12 (PCT/US97/22958)  
[87] 1999-06-24 (WO99/31407)

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[13] A1

[51] **Int.Cl. 6A47C 27/00 6A47C 27/10 6A47C 27/15**  
[25] EN  
[54] **MATTRESS STRUCTURE**  
[54] **STRUCTURE DE MATELAS**  
[72] STOLPMANN, JAMES R., US  
[71] HILL-ROM, INC., US  
[85] 2000-06-09  
[86] 1998-12-11 (PCT/US98/26295)  
[87] 1999-06-17 (WO99/29213)  
[30] US (60/069,097) 1997-12-11

[21] **2,313,795**  
[13] A1

[51] **Int.Cl. 6G01N 27/40**  
[25] EN  
[54] **SENSOR DEVICES AND ANALYTICAL METHOD**  
[54] **DISPOSITIFS DE DETECTION ET PROCEDE D'ANALYSE**  
[72] VADGAMA, PANKAJ MADGANLAL, GB  
[72] LONG, PETER BARRINGTON, GB  
[72] CHRISTIE, IAN MCINTYRE, GB  
[71] THE VICTORIA UNIVERSITY OF MANCHESTER, GB  
[85] 2000-06-09  
[86] 1998-12-08 (PCT/GB98/03662)  
[87] 1999-06-17 (WO99/30144)  
[30] GB (9726230.7) 1997-12-11  
[30] GB (9816909.7) 1998-08-05

[21] **2,313,796**  
[13] A1

[51] **Int.Cl. 6H01M 2/00**  
[25] EN  
[54] **PRESSURE ACTIVATED CURRENT INTERRUPTER FOR ELECTROCHEMICAL CELLS**  
[54] **RUPTEUR DE COURANT COMMANDE PAR LA PRESSION POUR PILES ELECTROCHIMIQUES**  
[72] WOODNORTH, DOUGLAS J., US  
[72] SARGEANT, SEAN, US  
[72] DAVIS, STUART M., US  
[71] DURACELL INC., US  
[85] 2000-06-09  
[86] 1998-12-15 (PCT/US98/26647)  
[87] 1999-07-08 (WO99/34456)  
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[13] A1

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[54] **HETEROCYCLIC CYTOTOXIC AGENTS**  
[54] **AGENTS CYTOTOXIQUES HETEROCYCLIQUES**  
[72] LAVOIE, EDMOND J., US  
[72] MAKHEY, DARSHAN B., US  
[72] ZHAO, BAOPING, US  
[72] LIU, LEROY FONG, US  
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US  
[85] 2000-06-09  
[86] 1998-12-11 (PCT/US98/26292)  
[87] 1999-06-24 (WO99/31067)  
[30] US (08/989,576) 1997-12-12

[21] **2,313,798**  
[13] A1

[51] **Int.Cl. 6G06F 17/60 6H04K 1/00 6H04L 9/00 6H04K 1/02 6H04N 1/41**  
[25] EN  
[54] **PORTABLE 1-WAY WIRELESS FINANCIAL MESSAGING UNIT**  
[54] **UNITE DE MESSAGERIE FINANCIERE SANS FIL UNIDIRECTIONNELLE PORTABLE**  
[72] LAVELL, JEFF, US  
[72] GUTMAN, JOSE, US  
[72] DAVIS, WALTER LEE, US  
[71] MOTOROLA, INC., US  
[85] 2000-06-09  
[86] 1998-12-04 (PCT/US98/25692)  
[87] 1999-07-01 (WO99/33011)  
[30] US (08/996,438) 1997-12-22

[21] **2,313,799**  
[13] A1

[51] **Int.Cl. 6H04K 1/10**  
[25] EN  
[54] **SECURE MESSAGING SYSTEM OVERLAY FOR A SELECTIVE CALL SIGNALING SYSTEM**  
[54] **RECOUVREMENT DE SYSTEME DE MESSAGERIE PROTEGEE POUR SYSTEME DE SIGNALISATION D'APPEL SELECTIF**  
[72] DAVIS, WALTER LEE, US  
[72] LAVELL, JEFF, US  
[71] MOTOROLA, INC., US  
[85] 2000-06-09  
[86] 1998-12-04 (PCT/US98/25805)  
[87] 1999-07-01 (WO99/33213)  
[30] US (08/995,481) 1997-12-22

[21] **2,314,103**  
[13] A1

[51] **Int.Cl. 6H04Q 7/22**  
[25] EN  
[54] **DIGITAL CELLULAR TELECOMMUNICATIONS WITH SHORT MESSAGE SERVICE OVER THE PACKET CHANNEL**  
[54] **TELECOMMUNICATIONS CELLULAIRES NUMERIQUES AVEC ENVOI DE MESSAGES BREFS PAR UN CANAL DE DONNEES PAR PAQUETS**  
[72] LAIHO, KEIJO, FI  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-06-14  
[86] 1998-12-08 (PCT/SE98/02258)  
[87] 1999-06-24 (WO99/31906)  
[30] US (08/990,499) 1997-12-15

[21] **2,314,104**  
[13] A1

[51] **Int.Cl. 6A61B 5/00**  
[25] EN  
[54] **ENERGY MANAGEMENT OF A VIDEO CAPSULE**  
[54] **SYSTEME PERMETTANT DE GERER L'ENERGIE D'UNE CAPSULE VIDEO**  
[72] MERON, GAVRIEL, IL  
[72] IDAN, GAVRIEL J., IL  
[71] GIVEN IMAGING LTD., IL  
[85] 2000-06-14  
[86] 1998-12-15 (PCT/IL98/00608)  
[87] 1999-06-24 (WO99/30610)  
[30] IL (122602) 1997-12-15

[21] **2,314,106**  
[13] A1

[51] **Int.Cl. 6G02B 6/34 6H01S 3/30**  
[25] EN  
[54] **TUNABLE NONLINEARLY CHIRPED GRATING**  
[54] **RESEAU MODULE EN FREQUENCE DE MANIERE NON LINEAIRE ET REGLABLE**  
[72] GRUBSKY, VICTOR, US  
[72] FEINBERG, JACK, US  
[72] STARODUBOV, DMITRY, US  
[72] CAI, JIN-XING, US  
[72] FENG, KAI-MING, US  
[72] WILLNER, ALAN ELI, US  
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US  
[85] 2000-06-14  
[86] 1998-12-15 (PCT/US98/26640)  
[87] 1999-06-24 (WO99/31537)  
[30] US (60/069,498) 1997-12-15  
[30] US (09/027,345) 1998-02-20

[21] **2,314,107**  
[13] A1

[51] **Int.Cl. 6C07D 417/12 6A61K 31/425**  
[25] EN  
[54] **5--4--2- (N-METHYL-N- (2-PYRIDYL)AMINO) ETHOXY|BENZYL| THIAZOLIDINE-2, 4-DIONE, MALEIC ACID SALT, HYDRATE AS PHARMACEUTICAL**  
[54] **PRODUIT PHARMACEUTIQUE CONSTITUE PAR UN HYDRATE, SEL DE L'ACIDE MALEIQUE, DE FORMULE 5--4--2- (N-METHYL-N- (2-PYRIDYL)AMINO) ETHOXY|BENZYL| THIAZOLIDINE-2, 4-DIONE**  
[72] BLACKLER, PAUL DAVID JAMES, GB  
[72] SASSE, MICHAEL JOHN, GB  
[72] LEE, DAVID C., GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[85] 2000-06-14  
[86] 1998-12-14 (PCT/EP98/08155)  
[87] 1999-06-24 (WO99/31095)  
[30] GB (9726566.4) 1997-12-16

[21] **2,314,108**  
[13] A1

[51] **Int.Cl. 6H03F 1/26**  
[25] EN  
[54] **FEED FORWARD AMPLIFIER WITH DIGITAL INTERMODULATION CONTROL**  
[54] **AMPLIFICATEUR A CORRECTION ANTICIPEE A REGULATION D'INTERMODULATION NUMERIQUE**  
[72] MITZLAFF, JAMES EDWARD, US  
[71] MOTOROLA, INC., US  
[85] 2000-06-14  
[86] 1998-08-10 (PCT/US98/16657)  
[87] 1999-07-01 (WO99/33167)  
[30] US (08/996,754) 1997-12-23

[21] **2,314,111**  
[13] A1

[51] **Int.Cl. 6C07D 407/04 6C07D 237/00 6C07D 307/00 6A61K 31/50**  
[25] EN  
[54] **DIHYDROBENZOFURANS**  
[54] **DIHYDROBENZOFURANS**  
[72] VAN DER MEY, MARGARETHA, NL  
[72] STERK, GEERT JAN, NL  
[72] ULRICH, WOLF-RUDIGER, DE  
[71] BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH, DE  
[85] 2000-06-14  
[86] 1998-12-10 (PCT/EP98/08054)  
[87] 1999-06-24 (WO99/31090)  
[30] EP (97122039.7) 1997-12-15

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[13] A1  
[51] **Int.Cl. 6A61K 9/14 6A61K 31/135 6A61K 31/56 6A61K 31/58 6A61K 9/72**  
[25] EN  
[54] **A METHOD FOR MAKING A PHARMACEUTICAL FORMULATION**  
[54] **PROCEDE DE PREPARATION D'UNE FORMULATION PHARMACEUTIQUE**  
[72] LANKINEN, TAPIO, FI  
[71] LEIRAS OY, FI  
[85] 2000-06-14  
[86] 1998-12-21 (PCT/FI98/01001)  
[87] 1999-07-15 (WO99/34778)  
[30] FI (974664) 1997-12-31

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[13] A1  
[51] **Int.Cl. 6D21F 9/00 6D21F 11/00**  
[25] EN  
[54] **PAPER MACHINE, PAPER MACHINE BELT FOR AND METHOD OF MANUFACTURING TEXTURED SOFT PAPER**  
[54] **MACHINE A PAPIER, BANDE POUR MACHINE A PAPIER ET PROCEDE DE FABRICATION DE PAPIER DOUX TEXTURE**  
[72] LINDEN, ANDERS T., SE  
[72] OSTENDORF, WARD W., US  
[72] AMPULSKI, ROBERT S., US  
[72] POLAT, OSMAN, US  
[72] KLERELID, INGVAR B. E., SE  
[71] VALMET-KARLSTAD AB, SE  
[85] 2000-06-14  
[86] 1998-12-16 (PCT/SE98/02371)  
[87] 1999-06-24 (WO99/31318)  
[30] US (08/992,285) 1997-12-17  
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[30] US (09/212,798) 1998-12-16

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[21] **2,314,116**  
[13] A1  
[51] **Int.Cl. 6B23K 35/26 6H05K 3/34 6H01L 23/50**  
[25] EN  
[54] **PB-FREE SOLDER-CONNECTED STRUCTURE AND ELECTRONIC DEVICE**  
[54] **STRUCTURE RACCORDEE PAR SOUDURE SANS PLOMB ET DISPOSITIF ELECTRONIQUE**  
[72] NISHIMURA, ASAO, JP  
[72] SOGA, TASAO, JP  
[72] INABA, YOSHIHARU, JP  
[72] SHIMOKAWA, HANAE, JP  
[72] OKUDAIRA, HIROAKI, JP  
[72] ISHIDA, TOSHIHARU, JP  
[72] NAKATSUKA, TETSUYA, JP  
[71] HITACHI, LTD., JP  
[85] 2000-06-14  
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[87] 1999-06-24 (WO99/30866)  
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[21] **2,314,117**  
[13] A1  
[51] **Int.Cl. 6C09B 29/20 6C09D 11/00**  
[25] EN  
[54] **AZO COMPOUNDS AND PROCESS FOR PRODUCING THE SAME**  
[54] **COMPOSES AZOIQUES ET LEUR PROCESSUS DE PRODUCTION**  
[72] MINAMI, KENJI, JP  
[72] UENO, RYUZO, JP  
[72] KITAYAMA, MASAYA, JP  
[72] WAKAMORI, HIROYUKI, JP  
[71] KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO, JP  
[85] 2000-06-14  
[86] 1999-10-14 (PCT/JP99/05656)  
[87] 2000-04-27 (WO00/23525)  
[30] JP (10/295215) 1998-10-16  
[30] JP (11/105206) 1999-04-13  
[30] JP (11/176626) 1999-06-23

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[21] **2,314,118**  
[13] A1  
[51] **Int.Cl. 6C09B 29/20 6C09B 57/00 6C09D 11/00 6C09B 67/20**  
[25] EN  
[54] **TONING AGENT**  
[54] **AGENT DE TYPE TONER**  
[72] UENO, RYUZO, JP  
[72] KITAYAMA, MASAYA, JP  
[72] KUBOTSU, MASAMITSU, JP  
[72] MINAMI, KENJI, JP  
[71] KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO, JP  
[85] 2000-06-14  
[86] 1999-10-14 (PCT/JP99/05657)  
[87] 2000-04-27 (WO00/23526)  
[30] JP (10/295200) 1998-10-16

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[21] **2,314,119**  
[13] A1  
[51] **Int.Cl. 7G07F 11/04**  
[25] EN  
[54] **PROCESS FOR REFURBISHING A VENDING BOX, PROTECTIVE COVERING FOR USE THEREIN AND METHOD OF MANUFACTURING SAME**  
[54] **PROCEDE DE REMISE EN ETAT DE DISTRIBUTEURS AUTOMATIQUES DE JOURNAUX, REVETEMENT PROTECTEUR A UTILISER DANS CE PROCEDE ET PROCEDE DE FABRICATION DE CE REVETEMENT**  
[72] FROATS, PETER BRIAN, CA  
[71] FROATS, PETER BRIAN, CA  
[85] 2000-06-14  
[86] 1999-10-25 (PCT/CA99/00983)  
[87] 2000-05-04 (WO00/25279)  
[30] US (09/178,558) 1998-10-26

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[13] A1  
[51] **Int.Cl. 6H04Q 3/545 6H04M 3/36**  
[25] EN  
[54] **LOAD CONTROL AND OVERLOAD PROTECTION FOR A REAL-TIME COMMUNICATION SYSTEM**  
[54] **REGULATION DE LA CHARGE ET PROTECTION CONTRE LES SURCHARGES POUR SYSTEME DE COMMUNICATION TEMPS REEL**  
[72] HOLMSKAR, STIG, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-06-12  
[86] 1998-12-10 (PCT/EP98/08040)  
[87] 1999-06-17 (WO99/30515)  
[30] DE (197 55 129.7) 1997-12-11

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[21] **2,314,122**  
[13] A1

[51] **Int.Cl. 6A23L 1/236**  
[25] EN  
[54] **SWEETENER COMPOSITION**  
[54] **COMPOSITION EDULCORANTE**  
[72] ISHIDA, HIROTOSHI, JP  
[72] TAKEMOTO, TADASHI, JP  
[72] SUZUKI, YUICHI, JP  
[72] NAGAI, TAKESHI, JP  
[71] AJINOMOTO CO., INC., JP  
[85] 2000-06-12  
[86] 1998-11-20 (PCT/JP98/05237)  
[87] 1999-07-01 (WO99/32000)  
[30] JP (9/352729) 1997-12-22

[21] **2,314,123**  
[13] A1

[51] **Int.Cl. 6C01F 7/04**  
[25] EN  
[54] **METHOD OF TREATING SPENT POTLINER MATERIAL FROM ALUMINUM REDUCTION CELLS**  
[54] **PROCEDE DE TRAITEMENT DE MATIERE PROVENANT D'UN REVETEMENT USAGE PROVENANT D'UNE CUVE ELECTROLYTIQUE DE PRODUCTION D'ALUMINIUM**  
[72] MEZNER, MICHAEL B., US  
[72] BARNETT, ROBERT J., US  
[71] GOLDENDALE ALUMINUM COMPANY, US  
[85] 2000-06-12  
[86] 1997-12-11 (PCT/US97/22650)  
[87] 1999-06-17 (WO99/29625)

[21] **2,314,125**  
[13] A1

[51] **Int.Cl. 6G06K 11/12**  
[25] EN  
[54] **TOUCH SENSITIVE SCREEN AND ITS MANUFACTURING METHOD**  
[54] **ECRAN TACTILE ET SON PROCEDE DE FABRICATION**  
[72] GOMES, PAULO IRULEGUI, US  
[72] AROYAN, JAMES L., US  
[72] KENT, JOEL, US  
[71] ELO TOUCHSYSTEMS, INC., US  
[85] 2000-06-12  
[86] 1998-12-11 (PCT/US98/26448)  
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[30] US (08/989,928) 1997-12-12

[21] **2,314,128**  
[13] A1

[51] **Int.Cl. 6A61L 31/00 6A61F 2/06 6A61K 51/12**  
[25] EN  
[54] **METHOD AND APPARATUS CREATING A RADIOACTIVE LAYER ON AN IMPLANTABLE SUBSTRATE**  
[54] **PROCEDE ET APPAREIL DE CREATION D'UNE COUCHE RADIOACTIVE SUR UN SUBSTRAT DE RECEPTION EN VUE D'UNE IMPLANTATION IN VIVO**  
[72] DAY, MARY E., US  
[72] DELFINO, MICHELANGELO, US  
[71] VARIAN MEDICAL SYSTEMS, INC., US  
[85] 2000-06-12  
[86] 1998-12-10 (PCT/US98/26278)  
[87] 1999-06-17 (WO99/29354)  
[30] US (08/987,794) 1997-12-10

[21] **2,314,129**  
[13] A1

[51] **Int.Cl. 7G01N 33/68 7G01N 33/53 7G01N 33/58**  
[25] EN  
[54] **LUMINESCENT PROTEIN STAINS CONTAINING TRANSITION METAL COMPLEXES**  
[54] **COLORATIONS LUMINESCENTES DE PROTEINES CONTENANT DES COMPLEXES DE METAUX DE TRANSITION**  
[72] BHALGAT, MAHESH K., US  
[72] DIWU, ZHENJUN, US  
[72] PATTON, WAYNE F., US  
[72] HAUGLAND, RICHARD P., US  
[71] MOLECULAR PROBES, INC., US  
[85] 2000-06-12  
[86] 1999-10-27 (PCT/US99/25349)  
[87] 2000-05-04 (WO00/25139)  
[30] US (60/105,839) 1998-10-27  
[30] US (60/113,828) 1998-12-23  
[30] US (60/126,346) 1999-03-26

[21] **2,314,131**  
[13] A1

[51] **Int.Cl. 6A23B 4/02 6A23B 4/26 6A23B 4/28 6A23B 4/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CLEANING POULTRY**  
[54] **APPAREIL ET PROCEDE POUR NETTOYER DE LA VOLAILLE**  
[72] MOSTOLLER, CHARLES P., US  
[71] RHODIA INC., US  
[85] 2000-06-12  
[86] 1998-12-11 (PCT/US98/26385)  
[87] 1999-06-17 (WO99/29179)  
[30] US (08/989,273) 1997-12-12

[21] **2,314,132**  
[13] A1

[51] **Int.Cl. 7G09F 13/22**  
[25] EN  
[54] **ILLUMINATED SIGN**  
[54] **ENSEIGNE LUMINEUSE**  
[72] DURBIN, MARTIN J., US  
[71] LUMENIDS, LTD., US  
[85] 2000-06-12  
[86] 1999-11-05 (PCT/US99/26279)  
[87] 2000-05-18 (WO00/28509)  
[30] US (09/188,951) 1998-11-11

[21] **2,314,133**  
[13] A1

[51] **Int.Cl. 6E02D 29/02**  
[25] EN  
[54] **RETAINING WALL BLOCK**  
[54] **PARPAING DE MUR DE SOUTENEMENT**  
[72] RACE, ROBERT J., US  
[72] MACDONALD, ROBERT A., US  
[71] KEYSTONE RETAINING WALL SYSTEMS, INC., US  
[85] 2000-06-12  
[86] 1999-08-12 (PCT/US99/18416)  
[87] 2000-04-20 (WO00/22243)  
[30] AU (PP 6472) 1998-10-13  
[30] US (09/312,352) 1999-05-14

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[13] A1  
[51] **Int.Cl. 6B26F 1/38 6B28B 1/087 6B65D 5/54**  
[25] EN  
[54] **METHOD AND SYSTEMS FOR NESTING OBJECTS**  
[54] **PROCEDE ET SYSTEME D'EMBOITEMENT D'OBJETS**  
[72] SADOVNIK, ISAAC, US  
[71] NESTECH INC., US  
[85] 2000-06-12  
[86] 1998-12-11 (PCT/US98/26384)  
[87] 1999-06-17 (WO99/29479)  
[30] US (60/069,561) 1997-12-12

[21] **2,314,135**  
[13] A1  
[51] **Int.Cl. 6G01N 30/84**  
[25] EN  
[54] **TRANSPORT DETECTOR WITH OXIDE SURFACE COATING**  
[54] **PROCEDE ET APPAREIL D'ANALYSE**  
[72] SCOTT, RAYMOND PETER WILLIAM, GB  
[72] DE LA PENA, JOHN MICHAEL DEVEREUX, GB  
[72] LITTLE, CHRISTOPHER JOHN, GB  
[71] SCIENTIFIC DETECTORS LIMITED, GB  
[85] 2000-06-12  
[86] 1998-12-10 (PCT/GB98/03672)  
[87] 1999-06-24 (WO99/31481)  
[30] GB (9726199.4) 1997-12-12

[21] **2,314,136**  
[13] A1  
[51] **Int.Cl. 6C04B 41/50 6B27K 3/16**  
[25] EN  
[54] **METHOD OF PRODUCING A WATER-REPELLENT PRODUCT, AND PRODUCT AND METHOD FOR WATERPROOFING A SURFACE OF A BUILDING MATERIAL**  
[54] **PROCEDE D'ELABORATION D'UN PRODUIT HYDROFUGE, ET PRODUIT ET PROCEDE POUR L'IMPERMEABILISATION D'UNE SURFACE DE MATERIAU DE CONSTRUCTION**  
[72] DOUMET, JOSEPH E., FR  
[71] DOUMET, JOSEPH E., FR  
[85] 2000-06-12  
[86] 1998-08-06 (PCT/EP98/04914)  
[87] 1999-06-24 (WO99/31028)  
[30] EP (97122083.5) 1997-12-15

[21] **2,314,138**  
[13] A1  
[51] **Int.Cl. 6A61B 17/41**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PERMANENT HAIR REMOVAL**  
[54] **PROCEDE ET APPAREIL D'EPIILATION PERMANENTE**  
[72] QUON, HEW W., US  
[72] QUON, DAVID W., US  
[72] QUON, WANDA A., US  
[71] QUON, HEW W., US  
[71] QUON, DAVID W., US  
[71] QUON, WANDA A., US  
[85] 2000-06-12  
[86] 1998-12-10 (PCT/US98/26302)  
[87] 1999-06-17 (WO99/29245)  
[30] US (08/987,956) 1997-12-10

[21] **2,314,139**  
[13] A1  
[51] **Int.Cl. 6C07D 501/52 6C07D 501/48 6A61K 31/545**  
[25] EN  
[54] **CEPHALOSPORIN ANTIBIOTICS**  
[54] **CEPHALOSPORINES ANTIBIOTIQUES**  
[72] DAHNKE, KARL ROBERT, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-06-12  
[86] 1998-12-08 (PCT/US98/26115)  
[87] 1999-06-24 (WO99/31110)  
[30] US (60/069,655) 1997-12-12  
[30] US (60/083,646) 1998-04-30

[21] **2,314,140**  
[13] A1  
[51] **Int.Cl. 7C08F 10/00**  
[25] EN  
[54] **PROCESS FOR THE POLYMERIZATION OF OLEFINS; NOVEL POLYETHYLENES, AND FILMS AND ARTICLES PRODUCED THEREFROM**  
[54] **TECHNIQUE DE POLYMERISATION D'OLEFINES, NOUVEAUX POLYETHYLENES, FILMS ET ARTICLES PRODUITS A L'AIDE DE CES POLYETHYLENES**  
[72] FORD, RANDAL RAY, US  
[72] STUART, RICHARD KINGSLEY JR., US  
[71] EASTMAN CHEMICAL COMPANY, US  
[85] 2000-06-12  
[86] 1999-10-14 (PCT/US99/24240)  
[87] 2000-05-04 (WO00/24790)  
[30] US (60/105,786) 1998-10-27  
[30] US (09/386,547) 1999-08-31

[21] **2,314,142**  
[13] A1  
[51] **Int.Cl. 6D02J 1/08**  
[25] EN  
[54] **YARN TREATING JET HAVING A FLOW CONTROL PLATE**  
[54] **JET DE TRAITEMENT DE FILS PRESENTANT UNE PLAQUE DE REGLAGE DE DEBIT**  
[72] TODD, MAURICE CORNELIUS, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-06-13  
[86] 1999-01-11 (PCT/US99/00646)  
[87] 1999-07-29 (WO99/37838)  
[30] US (09/012,863) 1998-01-23

[21] **2,314,143**  
[13] A1  
[51] **Int.Cl. 7F27D 23/00 7C21D 9/56**  
[25] EN  
[54] **GAS SEAL FOR CONTINUOUS THERMAL TREATMENT FACILITIES OPERATED WITH A PROTECTIVE GAS ATMOSPHERE**  
[54] **SYSTEME D'ETANCHEITE AUX GAZ POUR INSTALLATIONS DE TRAITEMENT THERMIQUE EN CONTINU EN ATMOSPHERE INERTE**  
[72] SOMMEREISEN, WINFRIED, DE  
[71] OTTO JUNKER GMBH, DE  
[85] 2000-06-12  
[86] 1999-08-26 (PCT/DE99/02667)  
[87] 2000-04-20 (WO00/22363)  
[30] DE (198 46 749.4) 1998-10-12

[21] **2,314,144**  
[13] A1  
[51] **Int.Cl. 6C22C 9/04 6C22F 1/08**  
[25] EN  
[54] **LEADLESS FREE-CUTTING COPPER ALLOY**  
[54] **ALLIAGE DE CUIVRE DE DECOLLETAGE SANS PLOMB**  
[72] OISHI, KEIICHIRO, JP  
[71] SAMBO COPPER ALLOY CO., LTD., JP  
[85] 2000-06-12  
[86] 1998-11-16 (PCT/JP98/05157)  
[87] 2000-04-20 (WO00/22182)  
[30] JP (10-288590) 1998-10-12

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[13] A1

[51] **Int.Cl. 6H01R 13/502**  
[25] EN  
[54] **ELECTRICAL CONNECTOR**  
[54] **CONNECTEUR ELECTRIQUE**  
[72] MCCARTHY, DALE C., US  
[71] CENTERPIN TECHNOLOGY, INC., US  
[85] 2000-06-12  
[86] 1998-06-11 (PCT/US98/12136)  
[87] 1999-07-08 (WO99/34483)  
[30] US (08/999,356) 1997-12-29

[21] **2,314,147**  
[13] A1

[51] **Int.Cl. 7G06F 1/28 7G11B 19/00 7G06F 11/00**  
[25] EN  
[54] **PROTECTION SYSTEM**  
[54] **SYSTEME DE PROTECTION**  
[72] VAN KEMPEN, PAULUS, NL  
[71] HOLLANDSE SIGNAALAPPARATEN B.V., NL  
[85] 2000-06-12  
[86] 1999-10-06 (PCT/EP99/07796)  
[87] 2000-04-20 (WO00/22500)  
[30] NL (1010303) 1998-10-13

[21] **2,314,148**  
[13] A1

[51] **Int.Cl. 6A61K 47/12 6C07D 261/04 6A61K 9/20 6A61K 9/48**  
[25] EN  
[54] **PHARMACEUTICAL FORMULATIONS AND PROCESSES FOR THEIR PREPARATION**  
[54] **COMPOSITIONS PHARMACEUTIQUES ET PROCEDES DE PREPARATION ASSOCIES**  
[72] BADAWY, SHERIF I., US  
[72] GILBERT, DONNA L., US  
[71] DUPONT PHARMACEUTICALS COMPANY, US  
[85] 2000-06-13  
[86] 1999-01-14 (PCT/US99/00748)  
[87] 1999-07-22 (WO99/36096)  
[30] US (60/071,712) 1998-01-16

[21] **2,314,149**  
[13] A1

[51] **Int.Cl. 6C02F 1/62 6C02F 1/58 6C02F 1/64**  
[25] EN  
[54] **METHOD OF REMOVING HARMFUL IONS AND REMOVER FOR USE IN THE SAME**  
[54] **PROCEDE ET AGENT SERVANT A SUPPRIMER DES IONS NOCIFES**  
[72] WADA, SHINJI, JP  
[72] YUKAWA, YASUHIRO, JP  
[72] TATSUMI, KENJI, JP  
[71] WADA, SHINJI, JP  
[71] JAPAN AS REPRESENTED BY MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY, DI, JP  
[71] MITSUBISHI CORPORATION, JP  
[71] TATSUMI, KENJI, JP  
[85] 2000-06-13  
[86] 1998-12-14 (PCT/JP98/05644)  
[87] 1999-06-24 (WO99/31017)  
[30] JP (9/363220) 1997-12-15

[21] **2,314,150**  
[13] A1

[51] **Int.Cl. 6B01D 37/04**  
[25] EN  
[54] **RECOVERY OF FUNCTIONAL HUMAN LEUKOCYTES FROM RECYCLED FILTERS**  
[54] **RECUPERATION DE LEUCOCYTES HUMAINS FONCTIONNELS A PARTIR DE FILTRES RECYCLES**  
[72] SIDHU, MANINDER, US  
[72] LIAO, MEI-JUNE, US  
[72] RASHIDBAIGI, ABBAS, US  
[72] HUA, JI, US  
[71] INTERFERON SCIENCES, INC., US  
[85] 2000-06-13  
[86] 1998-12-18 (PCT/US98/26946)  
[87] 1999-07-01 (WO99/32211)  
[30] US (08/996,070) 1997-12-22

[21] **2,314,151**  
[13] A1

[51] **Int.Cl. 6C08G 63/06 6C08K 3/00 6C08K 5/00 6A61L 17/00 6A61L 25/00 6A61L 27/00 6A61L 31/00 6C08L 67/04 6C08J 9/26 6C08J 9/28 6A61K 47/34 6C12P 7/62 6C08G 63/91**  
[25] EN  
[54] **POLYHYDROXYALKANOATE COMPOSITIONS HAVING CONTROLLED DEGRADATION RATES**  
[54] **COMPOSITIONS DE POLYHYDROXYALCANOATES A VITESSES DE DEGRADATION REGULEES**  
[72] MARTIN, DAVID P., US  
[72] WILLIAMS, SIMON F., US  
[72] SKRALY, FRANK A., US  
[71] METABOLIX, INC., US  
[85] 2000-06-13  
[86] 1998-12-22 (PCT/US98/27355)  
[87] 1999-07-01 (WO99/32536)  
[30] US (60/068,455) 1997-12-22

[21] **2,314,153**  
[13] A1

[51] **Int.Cl. 6A61F 2/14 6A61F 9/013**  
[25] EN  
[54] **CORNEAL IMPLANT METHODS AND PLIABLE IMPLANT THEREFORE**  
[54] **PROCEDES D'IMPLANT CORNEEN ET IMPLANT SOUPLE UTILISE A CETTE FIN**  
[72] SILVESTRINI, THOMAS A., US  
[71] KERAVISION, INC., US  
[85] 2000-06-13  
[86] 1998-12-18 (PCT/US98/27100)  
[87] 1999-06-24 (WO99/30645)  
[30] US (08/993,946) 1997-12-18

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[21] **2,314,154**  
[13] A1

[51] **Int.Cl. 6C07D 223/06 6C07D 225/02 6A61K 31/55**  
[25] EN  
[54] **AZEPINE OR LARGER MEDIUM RING DERIVATIVES AND THEIR USE AS PHARMACEUTICALS**  
[54] **DERIVES D'AZEPINE ET LEUR UTILISATION COMME PRODUITS PHARMACEUTIQUES**  
[72] TERMIN, ANDREAS, US  
[72] KOCH, KEVIN, US  
[72] HUMMEL, CONRAD, US  
[72] RUSSO-RODRIGUEZ, SANDRA E., US  
[71] AMGEN INC., US  
[85] 2000-06-13  
[86] 1998-12-18 (PCT/US98/27117)  
[87] 1999-07-01 (WO99/32451)  
[30] US (60/068,227) 1997-12-19  
[30] US (09/213,077) 1998-12-16

[21] **2,314,155**  
[13] A1

[51] **Int.Cl. 6A61K 7/50 6A61K 7/00**  
[25] EN  
[54] **MOUSSE-FORMING SHAMPOO COMPOSITIONS**  
[54] **COMPOSITIONS DE SHAMPOOING MOUSSANT**  
[72] STEER, DAVID CHARLES, GB  
[72] REID, EUAN STUART, GB  
[72] COUPE, SERGE AIME PATRICK, FR  
[71] UNILEVER PLC, GB  
[85] 2000-06-13  
[86] 1998-12-10 (PCT/EP98/08149)  
[87] 1999-07-01 (WO99/32070)  
[30] GB (9726969.0) 1997-12-19

[21] **2,314,156**  
[13] A1

[51] **Int.Cl. 6C07D 209/04 6C07D 413/06 6A61K 31/40 6A61K 31/535**  
[25] EN  
[54] **PYRROLE SUBSTITUTED 2-INDOLINONE PROTEIN KINASE INHIBITORS**  
[54] **INHIBITEURS DE LA PROTEINE KINASE 2-INDOLINONE A SUBSTITUTION PYRROLE**  
[72] SUN, LI, US  
[72] MCMAHON, GERALD, US  
[72] TANG, PENG CHO, US  
[71] SUGEN, INC., US  
[85] 2000-06-13  
[86] 1999-05-28 (PCT/US99/12069)  
[87] 1999-12-02 (WO99/61422)  
[30] US (60/087,310) 1998-05-29  
[30] US (60/116,106) 1999-01-15

[21] **2,314,157**  
[13] A1

[51] **Int.Cl. 6C08F 8/00 6C08F 10/00 6C08F 210/02**  
[25] EN  
[54] **PEROXIDE MODIFIED LINEAR LOW DENSITY POLYETHYLENE IN GEOMEMBRANE APPLICATIONS**  
[54] **POLYETHYLENE LINEAIRE BASSE DENSITE, MODIFIE AU PEROXYDE POUR APPLICATIONS DE TYPE GEOMEMBRANE**  
[72] MAEGER, PAMELA A., US  
[72] KING, TERRY R., US  
[71] CHEVRON CHEMICAL COMPANY LLC, US  
[85] 2000-06-13  
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[30] US (08/997,070) 1997-12-23

[21] **2,314,163**  
[13] A1

[51] **Int.Cl. 6G09G 3/32 6H05B 37/02**  
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[54] **DIGITALLY CONTROLLED ILLUMINATION METHODS AND SYSTEMS**  
[54] **SYSTEMES ET PROCEDES D'ECLAIRAGE A COMMANDE NUMERIQUE**  
[72] MORGAN, FREDERICK MARSHALL, US  
[72] BLACKWELL, MICHAEL K., US  
[72] LYS, IHOR A., US  
[72] MUELLER, GEORGE G., US  
[71] COLOR KINETICS INCORPORATED, US  
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[30] US (60/071,281) 1997-12-17  
[30] US (60/068,792) 1997-12-24  
[30] US (60/078,861) 1998-03-20  
[30] US (60/079,285) 1998-03-25  
[30] US (60/090,920) 1998-06-26  
[30] US (PCT/US98/17702) 1998-08-26  
[30] US (09/215,624) 1998-12-17  
[30] US (09/213,537) 1998-12-17  
[30] US (09/213,607) 1998-12-17  
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[30] US (09/213,548) 1998-12-17  
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[51] **Int.Cl. 6A61K 7/00 6A61K 7/09 6A61K 7/13 6A61K 7/135**  
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[54] **AGENTS FOR TREATING KERATIN FIBRES**  
[54] **AGENTS POUR LE TRAITEMENT DE FIBRES KERATINIQUES**  
[72] BARTELS, HOLGER, DE  
[72] ROHWEDER, SANDRA, DE  
[72] HOEPFNER, STEFAN, DE  
[72] WOLFF, WOLFGANG, DE  
[71] HANS SCHWARZKOPF GMBH & CO. KG., DE  
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[30] DE (197 55 420.2) 1997-12-13

[21] **2,314,168**  
[13] A1

[51] **Int.Cl. 6A61K 7/50 6A61K 7/00 6A61K 7/06**  
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[54] **SHAMPOO COMPOSITIONS**  
[54] **COMPOSITIONS DE SHAMPOOING**  
[72] SATO, SHIN, JP  
[72] MISHINA, YUKIE, JP  
[72] ANDO, SHUZO, JP  
[71] UNILEVER PLC, GB  
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[13] A1

[51] **Int.Cl. 6A61K 31/12 6A61K 31/07**  
[25] EN  
[54] **METHOD OF THE PROPHYLACTIC TREATMENT OF MASTITIS**  
[54] **PROCEDE DE TRAITEMENT PROPHYLACTIQUE DE LA MASTITE**  
[72] INBORR, JOHAN, SE  
[72] LIGNELL, AKE, SE  
[71] ASTACAROTENE AB, SE  
[85] 2000-06-13  
[86] 1998-12-10 (PCT/SE98/02279)  
[87] 1999-06-24 (WO99/30701)  
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<p style="text-align: center;">[21] <b>2,314,171</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B21B 1/26 6B21B 1/46</b> [25] EN [54] <b>METHOD AND INSTALLATION FOR THE CONTINUOUS PRODUCTION OF HOT-ROLLED, THIN FLAT PRODUCTS</b> [54] <b>PROCEDE ET INSTALLATION DE PRODUCTION CONTINUE DE PRODUITS PLATS ET MINCES LAMINES A CHAUD</b> [72] WEHAGE, HARALD, DE [72] SKODA-DOPP, ULRICH, DE [72] JACOBI, HORST, DE [71] SMS DEMAG AG, DE [71] SALZGITTER AG, DE [85] 2000-06-13 [86] 1998-11-03 (PCT/DE98/03259) [87] 1999-06-24 (WO99/30847) [30] DE (197 58 108.0) 1997-12-17</p>	<p style="text-align: center;">[21] <b>2,314,176</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01D 5/241 6G06K 11/16</b> [25] EN [54] <b>METHOD AND DEVICE FOR OBTAINING POSITIONAL INFORMATION</b> [54] <b>PROCEDE ET DISPOSITIF POUR L'OBTENTION D'INFORMATIONS DE POSITION</b> [72] WOODFIELD, DAVID, GB [71] WOODFIELD, DAVID, GB [85] 2000-06-13 [86] 1998-12-11 (PCT/GB98/03731) [87] 1999-07-01 (WO99/32853) [30] GB (9726640.7) 1997-12-18</p>	<p style="text-align: center;">[21] <b>2,314,223</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E04H 4/16</b> [25] EN [54] <b>SUCTION POWERED CLEANER FOR SWIMMING POOLS</b> [54] <b>DISPOSITIF DE NETTOYAGE PAR ASPIRATION POUR PISCINES</b> [72] SARGENT, RONALD J., US [72] STOLTZ, HERMAN, ZA [71] POLARIS POOL SYSTEMS, INC., US [85] 2000-06-13 [86] 1999-08-23 (PCT/US99/19085) [87] 2000-04-27 (WO00/23675) [30] US (09/176,532) 1998-10-21</p>
<p style="text-align: center;">[21] <b>2,314,172</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D01D 5/253 6D01D 5/24</b> [25] EN [54] <b>FILAMENT HAVING A TRILOBAL CROSS SECTION AND A TRILOBAL VOID</b> [54] <b>FILAMENT POSSEDANT UNE SECTION TRILOBEE ET UN VIDE TRILOBE</b> [72] LIN, PERRY HAN-CHENG, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2000-06-13 [86] 1999-01-11 (PCT/US99/00647) [87] 1999-08-05 (WO99/39029) [30] US (09/016,384) 1998-01-30</p>	<p style="text-align: center;">[21] <b>2,314,220</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08G 69/28 6C08G 69/00</b> [25] EN [54] <b>METHOD FOR MANUFACTURING POLY(HEXAMETHYLENE ADIPAMIDE) FROM MONOMETHYLADIPATE AND HEXAMETHYLENEDIAMINE</b> [54] <b>PROCEDE D'OBTENTION DE POLY(HEXAMETHYLENE ADIPAMIDE) A PARTIR DE MONOMETHYLADIPATE ET D'HEXAMETHYLENEDIAMINE</b> [72] MARKS, DAVID NEIL, US [72] LANE, SAMUEL LIVINGSTON, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2000-06-13 [86] 1998-12-17 (PCT/US98/27053) [87] 1999-08-05 (WO99/38909) [30] US (09/016,385) 1998-01-30</p>	<p style="text-align: center;">[21] <b>2,314,224</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F23Q 2/28</b> [25] EN [54] <b>CHILD RESISTANT LIGHTER</b> [54] <b>BRIQUET PROTEGE-ENFANT</b> [72] DOUCET, MICHEL, FR [72] FRIGIERE, RENE D., FR [72] FAIRBANKS, FLOYD B., US [72] ADAMS, PAUL H., US [72] AMOROS, ENRIQUE NOLLAS, ES [72] ORAZIETTI, RICHARD M., US [71] BIC CORPORATION, US [85] 2000-06-13 [86] 1999-10-15 (PCT/US99/23905) [87] 2000-04-20 (WO00/22349) [30] US (09/172,609) 1998-10-15 [30] US (09/377,811) 1999-08-20</p>
<p style="text-align: center;">[21] <b>2,314,174</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D01D 5/11 6D01F 6/04 6D01F 6/06 6D01F 6/30 6D01F 6/32</b> [25] EN [54] <b>FLASH SPINNING PROCESS AND FLASH SPINNING SOLUTION</b> [54] <b>PROCEDE ET SOLUTION DE FILAGE ECLAIR</b> [72] SIEMIONKO, ROGER KEITH, US [72] HYUNKOOK, SHIN, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2000-06-13 [86] 1999-01-14 (PCT/US99/00750) [87] 1999-07-22 (WO99/36600) [30] US (09/009,292) 1998-01-20</p>	<p style="text-align: center;">[21] <b>2,314,221</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29C 44/20 6B29C 47/92</b> [25] EN [54] <b>SEALABLE CHAMBER EXTRUSION APPARATUS AND METHOD WITH SEAL CONTROLS</b> [54] <b>MACHINE A EXTRUSION A ENCEINTE CLOSE ET PROCEDE CORRESPONDANT, AVEC COMMANDE DE SYSTEME D'ETANCHEITE</b> [72] WOODBURN, RUSSELL C., US [72] LINCOLN, ROBERT M., JR., US [72] SADINSKI, ROBERT L., US [71] OWENS CORNING, US [85] 2000-06-13 [86] 1998-12-17 (PCT/US98/26892) [87] 1999-07-08 (WO99/33628) [30] US (08/999,168) 1997-12-29</p>	<p style="text-align: center;">[21] <b>2,314,226</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08K 9/04 6C09C 1/56</b> [25] EN [54] <b>POLYMERIC PRODUCTS CONTAINING MODIFIED CARBON PRODUCTS AND METHODS OF MAKING AND USING THE SAME</b> [54] <b>PRODUITS POLYMERES CONTENANT DES PRODUITS CARBONES MODIFIES ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION</b> [72] GALLOWAY, COLLIN P., US [72] COOKE, JOEL M., US [72] BISSELL, MARK A., US [72] ADAMS, CURTIS E., US [72] YU, MICHAEL, US [72] AMICI, ROBERT A., US [72] BELMONT, JAMES A., US [71] CABOT CORPORATION, US [85] 2000-06-13 [86] 1998-12-11 (PCT/US98/26378) [87] 1999-06-24 (WO99/31175) [30] US (08/990,715) 1997-12-15</p>

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[51] **Int.Cl. 6D02G 3/04 6D01F 6/12**  
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[54] **YARN BLEND FOR FRICTION APPLICATIONS**  
[54] **MELANGE DE FIL POUR DIMINUER LE FROTTEMENT**  
[72] KRUSZEWSKI, REGINALD THOMAS, US  
[72] NELSON, ARTHUR RUSSELL, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-06-13  
[86] 1999-01-26 (PCT/US99/01596)  
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[30] US (60/073,305) 1998-01-28  
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[13] A1  
[51] **Int.Cl. 6B41J 2/01 6B41M 5/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THERMAL FUSING**  
[54] **PROCEDE ET APPAREIL DE FUSION THERMIQUE**  
[72] JONES, MARK LEHI, US  
[72] GIPSON, LAMAR HEATH, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2000-06-09  
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[30] US (09/000,755) 1997-12-30

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[13] A1  
[51] **Int.Cl. 6C07C 1/04 6C10G 2/00**  
[25] EN  
[54] **GAS CONVERSION USING HYDROGEN FROM SYNTHESIS GAS AND HYDROCONVERSION TAIL GAS**  
[54] **TRANSFORMATION DE GAZ AU MOYEN D'HYDROGENE DE GAZ DE SYNTHESE ET D'HYDROGENE DE GAZ RESIDUAIRES D'HYDROTRANSFORMATION**  
[72] STARK, THOMAS MARSHALL, US  
[72] DEGEORGE, CHARLES WILLIAM, US  
[72] WITTENBRINK, ROBERT JAY, US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2000-06-09  
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[51] **Int.Cl. 6C07D 473/34 6A61K 31/52**  
[25] EN  
[54] **PURINE DERIVATIVES HAVING PHOSPHODIESTERASE IV INHIBITION ACTIVITY**  
[54] **DERIVES DE PURINE PRESENTANT UNE ACTIVITE INHIBITRICE CONTRE LA PHOSPHODIESTERASE IV**  
[72] CHASIN, MARK, US  
[72] HOFER, PETER, CH  
[72] GEHRIG, ANDRE, CH  
[72] WINTERGERST, PETER, CH  
[72] CAVALLA, DAVID, GB  
[71] EURO-CELTIQUE, S.A., LU  
[85] 2000-06-09  
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[51] **Int.Cl. 6H04J 14/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SIMULTANEOUS TRANSMISSION OF DIGITAL TELEPHONY AND ANALOG VIDEO USING WAVE DIVISION MULTIPLEXING**  
[54] **PROCEDE ET SYSTEME DE TRANSMISSION SIMULTANEE DE SIGNAUX TELEPHONIQUE NUMERIQUES ET DE SIGNAUX VIDEO ANALOGIQUES AU MOYEN D'UN MULTIPLEXAGE PAR REPARTITION**  
[72] FOLTZER, LAWRENCE EDWIN, US  
[71] ALCATEL USA SOURCING, L.P., US  
[85] 2000-06-09  
[86] 1998-12-11 (PCT/US98/26398)  
[87] 1999-06-17 (WO99/30453)  
[30] US (08/991,106) 1997-12-12

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[13] A1  
[51] **Int.Cl. 6C07D 213/56 6C07D 237/08 6C07D 241/12 6C07D 215/14 6C07D 239/26 6A61K 31/44 6A61K 31/495 6A61K 31/50 6A61K 31/505**  
[25] EN  
[54] **N-BENZYL-3-INDENYLACETAMIDES DERIVATIVES FOR TREATING NEOPLASIA**  
[54] **DERIVES DE N-BENZYL-3-INDENYLACETAMIDES POUR TRAITER DES NEOPLASIES**  
[72] PIAZZA, GARY, US  
[72] PAMUKCU, RIFAT, US  
[72] BRENDEL, KLAUS, US  
[72] GROSS, PAUL, US  
[72] SPERL, GERHARD, US  
[71] CELL PATHWAYS, INC., US  
[71] THE UNIVERSITY OF ARIZONA, US  
[85] 2000-06-09  
[86] 1998-12-11 (PCT/GB98/03712)  
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[51] **Int.Cl. 6G01N 33/566 6G01N 33/569**  
[25] EN  
[54] **.BETA.(1-3)-GLUCAN DIAGNOSTIC ASSAYS**  
[54] **DOSAGE DIAGNOSTIQUE DU .BETA.(1-3)-GLUCAN**  
[72] WAKSHULL, ERIC M., US  
[72] ZIMMERMAN, JANET W., US  
[72] MACKIN, WILLIAM M., US  
[72] FISETTE, LESLIE W., US  
[71] THE COLLABORATIVE GROUP, LTD., US  
[85] 2000-06-09  
[86] 1998-11-12 (PCT/US98/24014)  
[87] 1999-06-24 (WO99/31510)  
[30] US (08/990,125) 1997-12-12

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[13] A1

[51] **Int.Cl. 6C03B 37/02**  
[25] EN  
[54] **COOLER OF OPTICAL FIBER DRAW TOWER**  
[54] **REFRIGERATEUR POUR TOUR D'ETIRAGE DE FIBRES OPTIQUES**  
[72] HWANG, KYU-HWAN, KR  
[72] PAEK, UN-CHUL, KR  
[72] SEO, MAN-SEOK, KR  
[72] OH, SUNG-KOOG, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2000-06-09  
[86] 1999-01-12 (PCT/KR99/00013)  
[87] 1999-07-22 (WO99/36367)  
[30] KR (1998/700) 1998-01-13

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[13] A1

[51] **Int.Cl. 6B60B 3/06 6B22D 15/00 6B22D 18/04 6B22C 9/28**  
[25] EN  
[54] **LIGHT-WEIGHT CAST WHEEL AND APPARATUS FOR CASTING SAME**  
[54] **ROUE COULEE TRES LEGERE ET APPAREIL DE COULEE**  
[72] NITZ, JOHN D., US  
[72] MASON, DOUGLAS PAUL, US  
[72] LAWRENCE, GARTH, US  
[72] PRIETO, ROMULO A., US  
[72] MCGRATH, MICHAEL, US  
[71] HAYES LEMMERZ INTERNATIONAL, INC., US  
[85] 2000-06-09  
[86] 1998-12-30 (PCT/US98/27817)  
[87] 1999-07-08 (WO99/33674)  
[30] US (60/070,022) 1997-12-30

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[13] A1

[51] **Int.Cl. 6H04L 9/32**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SECURE CRYPTOGRAPHIC KEY STORAGE, CERTIFICATION AND USE**  
[54] **PROCEDE ET APPAREIL DE STOCKAGE, D'HOMOLOGATION, ET D'UTILISATION SECURISES DE CLES DE CHIFFREMENT**  
[72] KAUSIK, BALAS NATARAJAN, US  
[71] ARCOT SYSTEMS, INC., US  
[85] 2000-06-12  
[86] 1998-12-22 (PCT/US98/27751)  
[87] 1999-07-01 (WO99/33222)  
[30] US (08/996,758) 1997-12-23

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[13] A1

[51] **Int.Cl. 6A61K 31/44 6C07D 471/04**  
[25] EN  
[54] **USE OF PYRAZOLO -3,4-B|PYRIDINE AS CYCLIN DEPENDENT KINASE INHIBITORS**  
[54] **UTILISATION DE PYRAZOLO-3,4-B|PYRIDINE EN TANT QU'INHIBITEURS DE KINASE DEPENDANT DE LA CYCLINE**  
[72] RAWLINS, DAVID B., US  
[72] KIMBALL, S. DAVID, US  
[72] WEBSTER, KEVIN R., US  
[72] BURSUKER, ISIA, US  
[72] MISRA, RAJ N., US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2000-06-12  
[86] 1998-12-07 (PCT/US98/25920)  
[87] 1999-06-24 (WO99/30710)  
[30] US (60/069,633) 1997-12-13

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[13] A1

[51] **Int.Cl. 6C12N 15/57 6A61K 49/00 6A01K 67/027 6C12N 5/10 6C12N 9/64**  
[25] EN  
[54] **TRANSGENIC ANIMAL MODEL FOR DEGENERATIVE DISEASES OF CARTILAGE**  
[54] **MODELE ANIMAL TRANSGENIQUE DE LUTTE CONTRE DES MALADIES DEGENERATIVES DU CARTILAGE**  
[72] NEUHOLD, LISA ANN, US  
[72] KILLAR, LORAN MARIE, US  
[71] AMERICAN HOME PRODUCTS CORPORATION, US  
[85] 2000-06-12  
[86] 1998-12-18 (PCT/US98/27056)  
[87] 1999-07-01 (WO99/31969)  
[30] US (60/068,312) 1997-12-19  
[30] US (08/994,689) 1997-12-19

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[13] A1

[51] **Int.Cl. 7G06F 15/00 7H04L 9/08 7G06F 17/60**  
[25] EN  
[54] **INFORMATION PROVIDING SYSTEM**  
[54] **SYSTEME FOURNISSEUR D'INFORMATIONS**  
[72] OSAWA, YOSHITOMO, JP  
[72] OISHI, TATEO, JP  
[72] ISHIBASHI, YOSHIHITO, JP  
[72] KITAHARA, JUN, JP  
[72] ASANO, TOMOYUKI, JP  
[72] MATSUYAMA, SHINAKO, JP  
[72] KITAMURA, IZURU, JP  
[71] SONY CORPORATION, JP  
[85] 2000-06-12  
[86] 1999-10-14 (PCT/JP99/05689)  
[87] 2000-04-20 (WO00/22539)  
[30] JP (10/293830) 1998-10-15  
[30] JP (10/296942) 1998-10-19  
[30] JP (10/313020) 1998-11-04  
[30] JP (11/103337) 1999-04-09

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[13] A1

[51] **Int.Cl. 6B63B 39/06**  
[25] EN  
[54] **STABILIZED MONOHULL VESSEL**  
[54] **BATEAU MONOCOQUE STABILISE**  
[72] EGGE, TRYGVE, NO  
[72] BREIVIK, KARE, NO  
[71] NAVION AS, NO  
[85] 2000-06-12  
[86] 1998-12-10 (PCT/NO98/00375)  
[87] 1999-06-24 (WO99/30965)  
[30] NO (975875) 1997-12-12

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<p style="text-align: right;">[21] <b>2,314,364</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01Q 3/26</b> [25] EN [54] <b>DISCRIMINATION PROCEDURE OF A WANTED SIGNAL FROM A PLURALITY OF COCHANNEL INTERFERING SIGNALS AND RECEIVER USING THIS PROCEDURE</b> [54] <b>PROCEDE DE DISCRIMINATION D'UN SIGNAL DESIRE SITUE PARMY UNE PLURALITE DE SIGNAUX D'INTERFERENCE ENTRE VOIES ET RECEPTEUR UTILISANT CE PROCEDE</b> [72] MARGHERITA, FULVIO, IT [71] ITALTEL S.P.A., IT [85] 2000-06-12 [86] 1998-12-14 (PCT/EP98/08165) [87] 1999-07-01 (WO99/33141) [30] IT (MI97A002825) 1997-12-19</p>	<p style="text-align: right;">[21] <b>2,314,368</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21H 17/71 6D21H 21/18 6D21H 17/24</b> [25] EN [54] <b>OXIDIZED GALACTOSE TYPE OF ALCOHOL CONFIGURATION CONTAINING POLYMER IN COMBINATION WITH CATIONIC POLYMERS FOR PAPER STRENGTH APPLICATIONS</b> [54] <b>UTILISATION DE POLYMERES CONTENANT UNE CONFIGURATION D'ALCOOL DE TYPE GALACTOSE OXYDE EN COMBINAISON AVEC DES POLYMERES CATIONIQUES DANS DES APPLICATIONS D'AMELIORATION DE LA RESISTANCE DU PAPIER</b> [72] NGUYEN, TUYEN THANH, US [72] BRADY, RICHARD LEE, US [72] LIEBFRIED, RAYMOND THOMAS SR., US [71] HERCULES INCORPORATED, US [85] 2000-06-12 [86] 1998-12-30 (PCT/US98/27534) [87] 1999-07-08 (WO99/34058) [30] US (09/002,281) 1997-12-31</p>	<p style="text-align: right;">[21] <b>2,314,422</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/00 6G01N 21/00 6G01N 33/53 6G01N 33/566 6G01N 33/567 6C12Q 1/68 6C12Q 1/70 6G01N 21/76</b> [25] EN [54] <b>METHODS FOR THE SIMULTANEOUS IDENTIFICATION OF NOVEL BIOLOGICAL TARGETS AND LEAD STRUCTURES FOR DRUG DEVELOPMENT</b> [54] <b>TECHNIQUES D'IDENTIFICATION SIMULTANEE DE NOUVELLES CIBLES BIOLOGIQUES ET STRUCTURES CONDUCTRICES POUR MISE AU POINT D'UN MEDICAMENT</b> [72] JONES, STEVEN W., US [72] GAO, YUN, US [72] ZEPP, CHARLES M., US [72] HEEFNER, DONALD L., US [71] SEPRACOR, INC., US [85] 2000-06-14 [86] 1998-12-18 (PCT/US98/26894) [87] 1999-06-24 (WO99/31267) [30] US (60/068,035) 1997-12-18</p>
<p style="text-align: right;">[21] <b>2,314,365</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 17/00</b> [25] EN [54] <b>SIMULATION PROCESS OF RADIOFREQUENCY SCENARIO IN RADIO MOBILE ENVIRONMENT AND TESTING SYSTEM EMPLOYING SAID PROCESS</b> [54] <b>PROCEDE SERVANT A SIMULER UN SCENARIO DE RADIOFREQUENCE DANS UN ENVIRONNEMENT RADIO MOBILE ET SYSTEME DE VERIFICATION METTANT CE PROCEDE EN APPLICATION</b> [72] DONATI, MARCELLO, IT [72] POLITI, MARCO, IT [71] ITALTEL S.P.A., IT [85] 2000-06-12 [86] 1998-11-26 (PCT/EP98/07762) [87] 1999-07-01 (WO99/33202) [30] IT (MI97A002826) 1997-12-19</p>	<p style="text-align: right;">[21] <b>2,314,369</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/557 6A61M 31/00</b> [25] EN [54] <b>PROSTAGLANDIN E2/F2.ALPHA. COMBINATION FOR TREATING IMPOTENCE AND ENHANCING SEXUAL AROUSAL</b> [54] <b>COMBINAISON DE PROSTAGLANDINES E2/F2.ALPHA., DESTINEE AU TRAITEMENT DE L'IMPUISSANCE ET A L'ACCROISSEMENT DE L'EXCITATION SEXUELLE</b> [72] SCOTT, NATHAN EARL, US [71] SCOTT, NATHAN EARL, US [85] 2000-06-12 [86] 1998-12-15 (PCT/US98/26609) [87] 1999-06-24 (WO99/30718) [30] US (08/992,946) 1997-12-18 [30] US (09/005,087) 1998-01-09 [30] US (09/038,378) 1998-03-11</p>	<p style="text-align: right;">[21] <b>2,314,433</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/70</b> [25] EN [54] <b>USE OF ALPHA-GLUCOSIDASE INHIBITORS FOR TREATING HIGH-RISK IMPAIRED GLUCOSE TOLERANCE</b> [54] <b>UTILISATION D'INHIBITEURS DE L'.ALPHA.-GLUCOSIDASE POUR LE TRAITEMENT POUR LE TRAITEMENT DE L'INTOLERANCE AU GLUCOSE A HAUT RISQUE</b> [72] SUZUKI, YOSHIHARU, JP [72] NAKAOKA, ICHIRO, JP [72] ODAKA, HIROYUKI, JP [71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP [85] 2000-06-09 [86] 1998-12-09 (PCT/JP98/05572) [87] 1999-06-17 (WO99/29327) [30] JP (9/339686) 1997-12-10</p>
<p style="text-align: right;">[21] <b>2,314,366</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 21/77 6G01N 21/59</b> [25] EN [54] <b>LIQUID CRYSTAL SENSORS LIQUIDES</b> [54] <b>CAPTEURS A CRISTAUX LIQUIDES</b> [72] NICHOLAS, PAUL, GB [72] MCCOLLUM, TONY, GB [71] NICHOLAS, PAUL, GB [71] MCCOLLUM, TONY, GB [85] 2000-06-12 [86] 1998-12-18 (PCT/GB98/03841) [87] 1999-07-01 (WO99/32878) [30] GB (9726923.7) 1997-12-19</p>		

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[21] **2,314,605**  
[13] A1  
[51] **Int.Cl. 7C12N 15/10 6A01H 5/00 7A01H 5/00 6A01N 65/00 6C12N 9/02 7C12Q 1/02 7A01H 5/10 7C12N 5/10 6C12N 15/29 7C12N 15/29 6C07K 14/415 7C07K 14/415 6C12N 15/53 7C12Q 1/68 6C12N 15/82 7C12N 15/82**  
[25] EN  
[54] **HM2 CDNA RELATED POLYPEPTIDES AND METHODS OF USE**  
[54] **POLYPEPTIDES ASSOCIES A L'ADNC DU HM2 ET PROCEDES D'UTILISATION**  
[72] BRIGGS, STEVEN P., US  
[72] JOHAL, GURMUKH, US  
[72] MULTANI, DILBAG SINGH, US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[71] CURATORS OF THE UNIVERSITY OF MISSOURI, US  
[85] 2000-07-07  
[86] 1999-01-15 (PCT/US99/00939)  
[87] 1999-07-22 (WO99/36543)  
[30] US (60/071,684) 1998-01-16

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[21] **2,314,905**  
[13] A1  
[51] **Int.Cl. 6A01N 43/04 6A61K 38/00 6C07H 21/04 6C07K 14/475**  
[25] EN  
[54] **TRANSVASCULAR DELIVERY OF A COMPOSITION TO AN EXTRAVASCULAR TISSUE OF A MAMMAL**  
[54] **ACHEMINEMENT TRANSVASCULAIRE D'UNE COMPOSITION VERS UN TISSU EXTRAVASCULAIRE D'UN MAMMIFERE**  
[72] BRIDGES, CHARLES R., US  
[72] STEDMAN, HANSELL H., US  
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US  
[85] 2000-06-19  
[86] 1998-12-18 (PCT/US98/27072)  
[87] 1999-07-01 (WO99/31982)  
[30] US (60/068,317) 1997-12-19

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[21] **2,315,222**  
[13] A1  
[51] **Int.Cl. 6C07K 5/02 6C07K 5/06 6C07C 237/10 6C07C 271/20 6C07C 271/22 6C07C 229/36**  
[25] EN  
[54] **BRANCHED BUILDING UNITS FOR SYNTHESIZING CYCLIC PEPTIDES**  
[54] **UNITES STRUCTURALES RAMIFIEES POUR SYNTHETISER DES PEPTIDES CYCLIQUES**  
[72] BESSER, DIANA, DE  
[72] KLEINWACHTER, PETER, DE  
[72] REISSMANN, SIEGMUND, DE  
[72] MULLER, BETTINA, DE  
[71] PEPTOR LTD., IL  
[85] 2000-06-14  
[86] 1998-12-14 (PCT/EP98/08187)  
[87] 1999-06-24 (WO99/31121)  
[30] US (08/990,591) 1997-12-15

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[21] **2,315,224**  
[13] A1  
[51] **Int.Cl. 6A61K 47/14 6A23D 9/00 6A23L 1/30 6A23L 1/302 6A23L 1/303**  
[25] EN  
[54] **METHOD FOR ENHANCING THE ABSORPTION AND TRANSPORT OF LIPID SOLUBLE COMPOUNDS USING STRUCTURED GLYCERIDES**  
[54] **PROCEDE RENFORCANT L'ABSORPTION ET LE TRANSPORT DE COMPOSES LIPOSOLUBLES RECOURANT A DES GLYCERIDES STRUCTURES**  
[72] DeMICHELE, STEPHEN J., US  
[72] LEE, THERESA W., US  
[72] TSO, PATRICK, US  
[71] ABBOTT LABORATORIES, US  
[85] 2000-06-14  
[86] 1998-12-04 (PCT/US98/25741)  
[87] 1999-06-24 (WO99/30740)  
[30] US (08/991,503) 1997-12-16

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[21] **2,315,424**  
[13] A1  
[51] **Int.Cl. 6A61B 5/02**  
[25] EN  
[54] **DEVICE AND METHOD FOR NONINVASIVE MEASUREMENT OF INTERNAL PRESSURE WITHIN BODY CAVITIES**  
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE MESURER DE FACON NON INVASIVE LA PRESSION INTERNE DE CAVITES CORPORELLES**  
[72] MOORHEAD, WILLIAM D., US  
[71] MOORHEAD, WILLIAM D., US  
[85] 2000-06-19  
[86] 1997-12-11 (PCT/US97/23204)  
[87] 1998-06-18 (WO98/25515)  
[30] US (08/774,632) 1996-12-30

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[21] **2,307,969**  
[13] A1

[51] **Int.Cl. 7A47G 9/10**  
[25] EN  
[54] **MODULAR CUSHION CONSTRUCTION WITH FOAMED BASE**  
[54] **COUSSIN MODULAIRE A BASE EN MOUSSE**  
[72] GRAEBE, ROBERT H., US  
[71] GRAEBE, ROBERT H., US  
[22] 1992-12-07  
[43] 1993-08-21  
[62] 2,108,685  
[30] US (839,305) 1992-02-20

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[21] **2,309,891**  
[13] A1

[51] **Int.Cl. 7A01K 67/027 7A61D 19/00 7C12N 15/12 7C12N 15/85**  
[25] EN  
[54] **PRODUCTION OF FIBRINOGEN IN TRANSGENIC ANIMALS**  
[54] **PRODUCTION DE FIBRINOGENE DANS DES ANIMAUX TRANSGENIQUES**  
[72] PRUNKARD, DONNA E., US  
[72] FOSTER, DONALD C., US  
[72] DALRYMPLE, MICHAEL A., GB  
[72] GARNER, IAN, GB  
[71] ZYMOGENETICS, INC., US  
[71] PPL THERAPEUTICS (SCOTLAND) LIMITED, GB  
[22] 1995-03-01  
[43] 1995-09-08  
[62] 2,184,004  
[30] US (08/206,176) 1994-03-03

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[21] **2,313,440**  
[13] A1

[51] **Int.Cl. 7A61N 1/30**  
[25] EN  
[54] **METHODS OF MAKING AN ANTIBACTERIAL DEVICE**  
[54] **METHODES POUR FABRIQUER UN DISPOSITIF ANTIBACTERIEN**  
[72] MILDNER, FREDRIC L., US  
[71] IMPEMED, INC., US  
[22] 1993-11-10  
[43] 1994-05-26  
[62] 2,149,216  
[30] US (975,597) 1992-11-12

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[21] **2,313,676**  
[13] A1

[51] **Int.Cl. 7C08F 246/00 7C09D 157/00 7A61L 27/00 7C09D 143/02 7C08F 230/02**  
[25] EN  
[54] **POLYMERIC SURFACE COATINGS**  
[54] **REVETEMENTS POLYMERIQUES POUR SURFACES**  
[72] BOWERS, RODERICK WILLIAM JONATHON, GB  
[72] JONES, STEPHEN ALISTER, GB  
[72] STRATFORD, PETER WILLIAM, GB  
[71] BIOCOMPATIBLES LIMITED, GB  
[22] 1992-07-06  
[43] 1993-01-21  
[62] 2,112,411  
[30] GB (9114619.1) 1991-07-05  
[30] GB (9117170.2) 1991-08-08  
[30] GB (9208970.5) 1992-04-24

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[21] **2,313,826**  
[13] A1

[51] **Int.Cl. 7G11B 27/28**  
[25] EN  
[54] **RECORDING AND REPRODUCING APPARATUS**  
[54] **APPAREIL D'ENREGISTREMENT ET DE LECTURE**  
[72] ISHII, TOSHIYUKI, JP  
[72] MISAWA, SEIICHI, JP  
[72] MISONO, KOUSUKE, JP  
[72] FUKUDA, JOJI, JP  
[72] OTA, KIYOSHI, JP  
[72] NISHIGAKI, TETSUO, JP  
[71] SONY CORPORATION, JP  
[22] 1991-01-18  
[43] 1991-07-22  
[62] 2,034,599  
[30] JP (010864/90) 1990-01-21

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[21] **2,313,976**  
[13] A1

[51] **Int.Cl. 7G02C 9/00**  
[25] EN  
[54] **EYEGLASS DEVICE HAVING AUXILIARY FRAME**  
[54] **LUNETTES COMPORTANT UNE MONTURE SECONDAIRE**  
[72] CHAO, DAVID YINKAI, US  
[71] CHAO, DAVID YINKAI, US  
[22] 1998-04-24  
[43] 1998-10-28  
[62] 2,235,798

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Walker, Robert A.	2,060,996		

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ALCATEL	2,299,112	CARRILLO, LIDIA JIMINEZ	2,299,781	ENNS, JOHN B.	2,299,692
ALCATEL	2,299,239	CASTELLARIN, Sandro J.	2,272,522	ENNS, JOHN B.	2,299,869
ALCATEL	2,299,265	CHANG, LI-CHUNG	2,298,326	ETOBICOKE IRONWORKS LIMITED	2,263,302
ALCATEL	2,299,779	CHARLES INDUSTRIES, LTD.	2,299,780	FERVEUR, CHRISTIAN	2,299,112
ANDO, KOUJI	2,299,960	CHAVEZ GANDARA, Hector Enrique	2,264,415	FERVEUR, CHRISTIAN	2,299,239
ANDY'S BAIT INTERNATIONAL INC.	2,292,947	CHEMAX, INC. (A CORPORATION OF THE STATES OF SOUTH CAROLINA)	2,299,857	FERVEUR, CHRISTIAN	2,299,265
APCOM, INC.	2,299,734	CHESS, STANLEY	2,288,570	FERVEUR, CHRISTIAN	2,299,779
APEAH-DJAN, Reggie	2,264,986	CHHEDA, BHARATI DINKAR	2,299,104	FISCHER, BERTRAND	2,299,112
APPLETON INTERNATIONAL, INC.	2,299,814	CIBA SPECIALTY CHEMICALS HOLDING INC.	2,299,712	FISCHER, BERTRAND	2,299,239
ARSENAULT, Real	2,264,500	CITY OF TORONTO, WATER AND WASTEWATER DIVISION	2,264,500	FISCHER, BERTRAND	2,299,265
ARTS, James A.	2,264,476	CLARK EQUIPMENT COMPANY	2,299,004	FISCHER, BERTRAND	2,299,779
BANAVALI, RAJIV MANOHAR	2,299,104	COGNOS INCORPORATED	2,264,321	FOX, JAMES HOPPE	2,298,486
BARAVIAN, JEAN	2,300,583	COGNOS INCORPORATED	2,299,867	FRANZMANN, GISELHER EDWARD JR.	2,299,589
BARAVIAN, JEAN	2,300,586	CONN, Kenneth S.	2,264,497	FRITZ, Frederick F.	2,299,814
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BAYER CORPORATION	2,289,159	CORNELIUS, PETER	2,299,972	FUKUI, ATSUSHI	2,299,698
BAYER CORPORATION	2,290,149	COVELL, KEVIN W.	2,299,147	GAJDA, Gregory J.	2,299,960
BAZIN, SIMONE P.	2,294,667	CRISTOL, DAVID A.	2,299,692	GAJDA, Gregory J.	2,263,200
BEATON, STEPHEN R.	2,299,692	CULLOM MACHINE TOOL & DIE, INC.	2,299,757	GENERAL ELECTRIC COMPANY	2,299,148
BENNETT, ROBB EDWARD	2,299,816	DANIEL, PATRICK	2,299,112	GERAY, Richard	2,264,377
BERGERON, JEAN	2,284,855	DANIEL, PATRICK	2,299,239	GERSHEN, BERNARD	2,299,975
BERNS, JOHN S.	2,299,757	DANIEL, PATRICK	2,299,265	GESTION TECHNO-MÉDIC INC.	2,284,855
BERTIN, NICOLAS	2,299,112	DANIEL, PATRICK	2,299,779	GEYER, CLAUDE	2,299,112
BERTIN, NICOLAS	2,299,239	DANIELSON, DOUGLAS W.	2,299,423	GEYER, CLAUDE	2,299,239
BERTIN, NICOLAS	2,299,265	DE LAFORCADE, VINCENT	2,299,528	GEYER, CLAUDE	2,299,265
BERTIN, NICOLAS	2,299,779	DEGUSSA-HULS AKTIENGESELLSCHAFT	2,299,589	GEYER, CLAUDE	2,299,779
BEZILLA, BERNARD MATTHEW JR.	2,296,804	DEHKORDI, PEYMAN	2,299,869	GIANNARIS, PAUL	2,292,947
BLACK & DECKER INC.	2,299,147	DESLAURIERS, Julien P.	2,265,112	GILLIS, Cheyenne C.	2,264,344
BLETH, JAY J.	2,299,004	DETERMAN, BRADLEY DEAN	2,299,816	GLUE, PAUL W.	2,299,893
BOIARSKI, ANTHONY A.	2,299,812	DICKHUT, HEINRICH B.	2,299,757	GODIN, Gilles	2,264,375
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BRASIL, John G.	2,263,302	DUNLAP, RICHARD C.	2,299,812	GROTEN, ROBERT	2,300,586
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CARL FREUDENBERG	2,300,586				

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HOCHWALD, BERTRAND M.	2,298,219	MITEL, INC.	2,297,372	ROMERO, TRINO J.	2,299,953
HOSAKA, YUKIO	2,299,098	MITEL, INC.	2,297,373	RONCA, DAVID RANDALL	2,297,372
HUMPHREY, DALLAS	2,299,807	MITTS, RICHARD K.	2,299,732	RONCA, DAVID RANDELL	2,295,273
HUMPHREY, DAVID T.	2,292,936	MOEN INCORPORATED	2,298,257	ROSA-BRUSSIN, MARCOS F.	2,299,953
HYMEL, DARRYL	2,299,130	MOORE NORTH AMERICA,		SAKAMOTO, MASAMI	2,299,855
HYMEL, DARRYL	2,299,246	INC.	2,288,570	SALONEN, Jukka	2,272,963
HYMEL, DARRYL	2,299,249	MOREAU, JEAN-LUC	2,299,664	SALTONOV, ALEXEY	2,297,373
ILLINOIS TOOL WORKS INC.	2,299,732	MORGAN, BRADLEY PAUL	2,299,972	SAMSUNG ELECTRONICS	
IMAMURA, MASAKI	2,299,960	MORIN, Marius	2,264,374	CO., LTD.	2,299,032
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INKSTER, Robert	2,263,774	MUGGLI, OLIVIER Y.	2,299,691	SANDSTROM, PAUL HARRY	2,296,804
INTEVEP S.A.	2,299,953	MURPHY, MARK A.	2,299,734	SATAKE CORPORATION	2,299,098
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VISION CARE, INC.	2,299,691	CORPORATION	2,299,698	SCHNEIDER, RUDIGER	2,299,759
JOHNSON & JOHNSON		NORDX/CDT, INC.	2,298,338	SELL, MICHAEL R.	2,299,147
VISION CARE, INC.	2,299,692	NORTRUP, EDWARD H.	2,294,667	SERVANT, Jean-Hugues	2,264,363
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KYLE, GERALD H.	2,299,857	OSRAM SYLVANIA INC.	2,294,667	SIEG, EDWALD	2,299,845
L. PERRIGO COMPANY	2,299,423	OTENBAKER, James T.	2,262,851	SING, Peter	2,263,611
LAUGHLIN, MARK A.	2,299,893	PACTIV CORPORATION	2,299,872	SLAGTERIERNES	
LAZAR, PATRICK I.	2,299,780	PECK, JAMES	2,299,692	FORSKNINGSINSTITUT	2,263,288
LEVITON MANUFACTURING		PECK, JAMES MALCOLM	2,299,691	SNELLMAN, JORMA	2,299,900
CO., INC.	2,299,861	PECO CORPORATION	2,290,919	SODERLING, Eva	2,272,963
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CO., INC.	2,299,975	PETERS, JASPER N.	2,287,843	SONG, INHO	2,298,257
LIN, Wen-Tsan	2,262,125	PETERSON, WAYNE C.	2,288,570	SPENCE, Jonathan R.	2,263,858
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L'OREAL	2,299,528	PFIZER PRODUCTS INC.	2,299,972	STALGIS, CARLOS O.	2,299,893
L'OREAL	2,299,659	PHYSICIAN'S TECHNOLOGY,		STOOR, Patricia	2,272,963
LUBKER, JOHN W., II	2,299,872	LLC.	2,299,812	SUMITOMO METAL MINING	
LUCENT TECHNOLOGIES		POIRIER, LOUIS	2,299,780	CO., LTD.	2,299,960
INC.	2,298,219	POLON, Jay	2,264,440	SUTTON, DAVID B.	2,299,812
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INC.	2,298,325	PRESTON, JOSEPH E.	2,298,257	SWETLAND, MELODY SUE	2,309,349
LUCENT TECHNOLOGIES		PROFIL-VERTRIEB GMBH	2,297,859	SWETLAND, WALLACE	
INC.	2,298,326	PROULX, Genevieve Christianne	2,263,771	BYRON JR.	2,309,349
LUCENT TECHNOLOGIES		RAMBO, Tan	2,264,327	SWICK, ANDREW GORDON	2,299,972
INC.	2,298,486	RANDELL		SWIST, Jason	2,264,993
LYEN, Eric A.	2,263,616	MANUFACTURING, INC	2,262,851	TANG, BENJAMIN B.	2,297,373
LYONS, DAVID CHARLES	2,299,816	REIMER, Ernest M.	2,263,774	TERME, JEAN-LOUIS	2,299,668
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MANTOVANI, ALBERTO	2,297,403	ROBESON, PALMER	2,299,809	CORPORATION	2,299,216
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VAIDYA, AVINASH K.	2,299,780
VALKONEN, MIKA	2,299,900
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WALKER, ROBERT J.	2,299,888
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WEBER STEPHEN PRODUCTS CO.	2,299,845
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