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C I P O  
CANADIAN INTELLECTUAL  
PROPERTY OFFICE

**THE PATENT OFFICE RECORD**  
**LA GAZETTE DU BUREAU DES BREVETS**



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## Notices

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

#### Dates

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

#### Code Numerals

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

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

- [11] - Number of Patent document
- [13] - Kind of Publication
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
  
- [25] - Language
- [30] - Convention Priority Data
- [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] - International Filing Date
- [87] - WIPO Publication Number

## Avis

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

#### Dates

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

#### Chiffres de code

Les chiffres à l'intérieur des parenthèses à l'en-tête des brevets sont des codes INID. Le sigle "INID" signifie "Identification Numérique Internationalement agréée en matière de 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] - Genre de publication
- [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
- [30] - Informations relatives à la priorité conventionnelle
- [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
  
- [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] - Date du dépôt internationale
- [87] - Numéro de publication de l'OMPI

## Avis

### 2. Country Code

A complete list of country codes has been published in the issue of April 20, 1999 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 on request an alphabetical listing of subject matter titles for the various classes by writing 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. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 20 avril 1999 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 eight dollars (\$8) 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:

- Abstracts of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- 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).

### C) Patent Cooperation Treaty (PCT)

Copies of the Patent Cooperation Treaty Applicants Guide and the Patent Cooperation Treaty & Regulations are available from Micromedia at \$325 and \$40 respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact Micromedia Limited directly at 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

Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public sont disponibles au coût de huit dollars (8 \$) 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.

Numéro sans frais Amérique du Nord: 1-800-567-1914

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:

- Précis de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Exemplaires complets de brevets canadiens délivrés, chaque semaine, par ordre numérique (microfilm 16 mm).

### C) 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 Micromedia Limited au coût de 325 \$ et 40 \$ 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 Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

Numéro sans frais Amérique du Nord: 1-800-567-1914

Courriel: tic@micromedia.on.ca

## Avis

### 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.

The charge of eight dollars (\$8) per paper copy or the charge of four dollars (\$4) per microfiche copy plus postage and taxes will apply for copies of all patents supplied.

Those wishing to use the service should open a deposit account with 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](mailto:tic@micromedia.on.ca)

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

### 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.

### 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.

### 6. Commandes de brevets par classe ou sous-classe

Micromedia Limited exécutera les commandes permanentes pour tous les brevets délivrés dans toute classe ou sous-classe. Les brevets délivrés après la date de la commande seront fournis. Le tarif annuel de ce service est de 150 \$ par classe.

La somme de huit dollars (8 \$) pour chaque copie reproduite sur papier ou la somme de quatre (4 \$) pour chaque copie reproduite sur microfiche, plus les frais de poste et les taxes sont exigibles pour chaque exemplaire de brevet fourni.

Les personnes intéressées à prendre avantage de ce service sont invitées à ouvrir un compte de dépôt avec Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

Numéro sans frais Amérique du Nord: 1-800-567-1914

Courriel: [tic@micromedia.on.ca](mailto:tic@micromedia.on.ca)

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. 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. 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.

## Notices

### 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.

### 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 under in part 10 of these notices.

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

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

2,094,523	2,100,539	2,100,541	2,102,089
2,102,878	2,123,035	2,123,769	2,131,669
2,138,302	2,159,019	2,162,188	2,195,805
2,227,453	2,233,151		

### 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. 1,124,450 which issued on May 25, 1982 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

### 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. 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.

### 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.

2,094,523	2,100,539	2,100,541	2,102,089
2,102,878	2,123,035	2,123,769	2,131,669
2,138,302	2,159,019	2,162,188	2,195,805
2,227,453	2,233,151		

### 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 25 mai 1982 sont maintenant expirés, jusque et y compris le no. 1,124,450. 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

## Avis

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).

### 14. PCT Notices

#### New Fee Schedules

Please find attached a new schedule of fees.

As of January 1st, 1999, the basic fee has increased to \$721.00, the supplement per sheet has increased to \$17.00 and the designation fee has increased to \$166.00 per designation for a total of \$1,660.00.

As of December 15, 1998, the International Search Fee has increased to \$2,088.00.

#### 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, Vol. I; No. 93 and 230).

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.

### 14. Avis PCT

#### Nouveau barème de taxes

Veillez trouver ci-attaché un nouveau barème de taxe.

A compter du 1er janvier 1999, la taxe de base a augmenté à 721,00 \$, le montant par feuille supplémentaire a augmenté à 17,00 \$ et la taxe de désignation a augmenté à 166,00 \$ par désignation pour un total de 1 660,00 \$.

A compter du 15 décembre 1998, la taxe de la recherche internationale a été augmentée à 2 088,00 \$.

#### 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, Vol. I, no. 93 et 230).



Wendy McQuaig  
Acting Head, PCT Office/Chef intérimaire, bureau PCT  
for the Commissioner of Patents/  
pour le Commissaire aux Brevets



## Notices

### 15. Patent Cooperation Treaty (PCT)

### 15. Traité de coopération en matière de brevets (PCT)

#### SCHEDULE OF FEES APPLICABLE FROM DECEMBER 15, 1998

#### BARÈME DE TAXES À PARTIR DU 15 DÉCEMBRE 1998

FEES	AMOUNTS
	\$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b> (Rule 15.2(a))	721.00
Amount for each additional sheet over 30	15.00

3. **Designation Fee:** (Rule 15.2(a)) 166.00  
The maximum that can be charged for the Designation Fee is \$1,660.00; therefore, if more than 10 countries are designated the fee remains \$1,660.00

4. **International Search Fee** 2,088.00  
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:** (Rule 57.2(a)) 285 DM\*\*

7. **Preliminary Examination Fee:** (Rule 58) 3,000 DM\*\*

\* International fees will be reduced by \$220.00 for all applications filed using PCT-Easy.

\*\*The Preliminary Examination Fees are paid in Deutsche Marks and are payable directly to the European Patent Office in Munich.

References to the Rules are to the Regulations under the PCT.

TAXES	MONTANTS
	\$
1. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b> (Règle 15.2(a))	721,00
Montant pour chaque feuille au delà de 30	15,00

3. **Taxe de désignation** (par pays) (Règle 15.2(a)) 166,00  
Le maximum payable pour la taxe de désignation est de 1 660,00 \$; donc, si plus que 10 pays sont désignés, la taxe demeure 1 660,00 \$.

4. **Taxe de recherche internationale** 2 088,00  
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:** (Règle 57.2(a)) 285 MA\*\*

7. **Taxe d'examen préliminaire:** (Règle 58) 3 000 MA\*\*

\*Les frais seront réduits par 220,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

\*\*Les taxes d'examen préliminaire sont payables directement au Bureau Européen des brevets à Munich en mark allemands.

Les références au Règles sont à celles du règlement d'exécution du PCT.

## Avis

### 16. Lay-Open Applications

The Patent Office Record of May 25, 1999 contains laid-open applications from April 11 to April 18, 1999.

### 17. CIPO to launch two patent related electronic commerce projects

Effective June 1999, through a simple on-line transaction:

- Clients will be able to order copies of Canadian patent documents, including laid-open applications and granted patents; and
- Canadian patent agents will be able to maintain their name on the Register of patent agents.

The two transactions will be available through CIPO's Web site at <http://cipo.gc.ca> under the "Patents" section. Select the transaction, fill out the electronic form and click on "send" to initiate the transaction. Clients will be able to pay for these services by credit card or from a CIPO deposit account.

For further information please call (819) 997-1936 or e-mail at [cipo.contact@ic.gc.ca](mailto:cipo.contact@ic.gc.ca).

### 18. Erratum

Reference to the grant of the following application referred to in the Canadian Patent Office Record of March 30, 1999 was in error. No patent was issued under this number.

2,153,271

### 16. 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 11 avril au 18 avril 1999.

### 17. L'OPIC lancera bientôt deux projets de commerce électronique

À compter de juin 1999, par une simple transaction en ligne :

- les clients pourront commander des copies de documents de brevets canadiens, y compris les demandes rendues publiques et les brevets délivrés; et
- les agents de brevets canadiens pourront maintenir leur nom sur le Registre des agents de brevets.

Les deux transactions seront disponibles à partir du site Web de l'OPIC à l'adresse <http://opic.gc.ca>, sous la section «Brevets». Choisissez la transaction, remplissez le formulaire électronique et cliquez sur le bouton «soumettre» pour amorcer la transaction. Les clients pourront payer pour ces services par carte de crédit ou par compte de dépôt avec l'OPIC.

Pour de plus amples informations, veuillez nous contacter par téléphone au (819) 997-1936 ou par courriel à : [cipo.contact@ic.gc.ca](mailto:cipo.contact@ic.gc.ca).

### 18. Erratum

Les renseignements fournis sur le numéro de demande suivant dans la Gazette du bureau des brevets du 30 mars 1999 étaient dans l'erreur. Aucun brevet n'a été émis sous ce numéro.

2,153,271

# Canadian Patents Issued

May 25, 1999

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[11] **1,340,554**  
[13] C  
[52] 260-243.26 167-180 167-212  
[51] **Int.Cl. 6C07D 513/06 6A61K 31/54**  
[25] EN  
[54] **DERIVATIVES OF PYRIDO-BENZOTHIAZINE WITH HIGH ANTI-MICROBIAL ACTIVITY**  
[54] **DERIVES DE LA PYRIDOBENZOTHIAZINE, POSSEDANT UNE FORTE ACTIVITE ANTIMICROBIENNE**  
[72] Mascellani, Giuseppe, IT  
[72] Fravolini, Arnaldo, IT  
[72] Terni, Patrizia, IT  
[73] MEDIOLANUM FARMACEUTICI S.R.L., IT  
[21] **474,952**  
[22] 1985-02-22  
[60] 19851018  
[30] IT (19790 A/84) 1984-02-24

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[13] C  
[52] 195-1.22 167-129 195-1.31 195-1.35 530-7.1  
[51] **Int.Cl. 6C12N 15/62 6C12N 15/16 6C07K 19/00 6C07K 14/575 6A61K 39/385**  
[25] EN  
[54] **ORAL VACCINES**  
[54] **VACCINS ORAUX**  
[72] RUSSELL-JONES, GREGORY JOHN, AU  
[72] DE AIZPURUA, HENRY JAMES, AU  
[72] HOWE, PETER, AU  
[72] RAND, KEITH NORMAN, AU  
[73] BIOTECHNOLOGY AUSTRALIA PTY. LTD., AU  
[21] **509,225**  
[22] 1986-05-15  
[30] AU (0566) 1985-05-15  
[30] AU (3104) 1985-10-25

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[11] **1,340,556**  
[13] C  
[52] 530-15.14 167-47 167-101 530-3.00  
[51] **Int.Cl. 6A61K 51/08 6C07K 1/13**  
[25] EN  
[54] **HIGH MOLECULAR COMPOUND COMPRISING UNIT OF ASIALOGLYCO-PROTEIN ACCEPTOR-DIRECTING COMPOUND AND UNIT OF CHELATE-FORMING COMPOUND CHEMICALLY BONDED THERETO, AND ITS UTILIZATION**  
[54] **COMPOSE DE MASSE MOLECULAIRE ELEVEE, RENFERMANT UNE UNITE DE TYPE ORIENTATION POUR RECEPTEUR D'ASIALOGLYCOPROTEINE ET UNE UNITE FORMANT UN CHELATE, QUI Y EST LIEE CHIMIQUEMENT; SON UTILISATION**  
[72] WASHINO, KOMEI, JP  
[72] KURAMI, MIKI, JP  
[72] UEDA, NOBUO, JP  
[73] NIHON MEDI-PHYSICS CO., LTD, JP  
[21] **555,608**  
[22] 1987-12-30  
[30] JP (312434/1986) 1986-12-30  
[30] JP (312435/1986) 1986-12-30  
[30] JP (312436/1986) 1986-12-30

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[11] **1,340,557**  
[13] C  
[52] 195-1.111 167-45  
[51] **Int.Cl. 6C12N 5/18 6C07K 16/40 6G01N 33/573 6G01N 33/577**  
[25] EN  
[54] **CKMB ASSAY AND MONOCLONAL ANTIBODIES FOR USE IN SAME**  
[54] **METHODE D'ANALYSE POUR CKMB ET ANTICORPS MONOCLONAUX POUR CETTE METHODE**  
[72] PIRAN, URI, DR., US  
[72] VITKAUSKAS, CHRISTINE A., US  
[73] CIBA CORNING DIAGNOSTICS CORP., US  
[21] **561,860**  
[22] 1988-03-18  
[30] US (036,057) 1998-04-09

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[13] C  
[52] 99-140  
[51] **Int.Cl. 6A23L 1/236**  
[25] EN  
[54] **SUCRALOSE COMPOSITIONS**  
[54] **COMPOSITIONS A BASE DE SUCRALOSE**  
[72] BEYTS, PAMELA KAY, GB  
[73] TATE & LYLE PUBLIC LIMITED COMPANY, GB  
[21] **579,504**  
[22] 1988-10-06  
[60] 19930127  
[30] GB (8723423) 1987-10-06

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[11] **1,340,559**  
[13] C  
[52] 39-113 22-80  
[51] **Int.Cl. 6B22D 41/14**  
[25] EN  
[54] **CLOSURE AND CONTROL DEVICE FOR THE POURING OF LIQUID METAL MELT**  
[54] **DISPOSITIF D'ARRET ET DE REGULATION POUR LA COULEE D'UN METAL EN FUSION**  
[72] BRUCKNER, RAIMUND, DE  
[73] DIDIER-WERKE A.G., DE  
[21] **590,249**  
[22] 1989-02-06  
[30] DE (38 05 071.4) 1988-02-18

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[11] **1,340,560**  
[13] C  
[52] 400-7057 154-107 400-7910  
[51] **Int.Cl. 6C09J 9/00 6B32B 7/12**  
[25] EN  
[54] **COLOUR-CHANGEABLE ADHESIVE**  
[54] **ADHESIF POUVANT CHANGER DE COULEUR**  
[72] MARWICK, WILLIAM FRANCIS, GB  
[73] ALCAN INTERNATIONAL LIMITED, CA  
[21] **599,840**  
[22] 1989-05-16  
[30] GB (8811669.4) 1988-05-17

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[11] 1,340,561  
[13] C

[52] 260-266.3  
[51] **Int.Cl. 6C07D 215/56**  
[25] EN  
[54] **PROCESS FOR PREPARING CIPROFLOZACINE**  
[54] **PROCESS FOR PREPARING CIPROFLOZACINE**  
[72] MOLINA, ISIDRO LOPEZ, ES  
[72] COLL, ALBERTO PALOMO, ES  
[72] COTO, ANTONIO DOMINGO, ES  
[73] UNION QUIMICO FARMACEUTICA S.A., ES  
[21] **602,049**  
[22] 1989-06-07  
[30] ES (8801824) 1988-06-13

[11] 1,340,562  
[13] C

[52] 167-37  
[51] **Int.Cl. 6G01N 33/557 6G01N 33/542**  
[25] EN  
[54] **LIQUID SINGLE REAGENT ASSAY**  
[54] **ESSAI AVEC REACTIF LIQUIDE UNIQUE**  
[72] KHANNA, PYARE L., US  
[72] FRIEDMAN, STEPHEN B., US  
[72] KATES, DAVID S., US  
[73] BOEHRINGER MANNHEIM CORPORATION, US  
[21] **602,942**  
[22] 1989-06-15  
[30] US (209,916) 1988-06-22

[11] 1,340,563  
[13] C

[52] 195-1.22 195-1.33 195-20  
[51] **Int.Cl. 6C12N 15/53 6C12N 9/02 6C12N 1/21 6C12N 1/19 6C12P 33/06 6C12P 33/18**  
[25] EN  
[54] **PROCESS FOR THE MULTIPLE OXIDATION OF STEROIDS AND GENETICALLY ENGINEERED CELLS TO BE USED THEREFOR**  
[54] **METHODE POUR L'OXYDATION MULTIPLE DE STEROIDES; CELLULES CONCUES GENETIQUEMENT, UTILES A CETTE FIN**  
[72] SLIJKHUIS, HARMEN, NL  
[72] SELTEN, GERARDUS CORNELIS MARIA, NL  
[72] SMAAL, ERIC BASTIAAN, NL  
[73] HOECHST MARION ROUSSEL, NL  
[21] **612,871**  
[22] 1989-09-25  
[30] EP (88202080.3) 1988-09-23

[11] 1,340,564  
[13] C

[52] 39-113  
[51] **Int.Cl. 6B22D 41/14**  
[25] EN  
[54] **REFRACTORY STATOR/ROTOR UNIT FOR A VALVE AT THE OUTLET OF A VESSEL CONTAINING METAL MELT**  
[54] **UNITE REFRACTAIRE STATOR-ROTOR POUR REGULATEUR A LA SORTIE D'UNE CUVE RENFERMANT DU METAL EN FUSION**  
[72] KELLER, WERNER, CH  
[72] WALTENSPUHL, ROLF, CH  
[73] STOPINC AG, CH  
[21] **613,304**  
[22] 1989-09-26  
[30] CH (03 629/88-3) 1988-09-29

[11] 1,340,565  
[13] C

[52] 195-46 167-45 167-104  
[51] **Int.Cl. 6C12N 5/08 6C12N 5/06 6A61K 35/12 6A61K 35/14 6G01N 33/554**  
[25] EN  
[54] **DEVICE AND PROCESS FOR CELL CAPTURE AND RECOVERY**  
[54] **DISPOSITIF ET METHODE POUR CAPTER ET RECUPERER DES CELLULES**  
[72] OKARMA, THOMAS B., US  
[72] LAMONS, DONALD, US  
[72] OKRONGLY, DAVID A., US  
[73] RORER PHARMACEUTICAL PRODUCTS INC., US  
[21] **613,945**  
[22] 1989-09-28  
[30] US (374,091) 1989-06-29

[11] 2,000,750  
[13] C

[51] **Int.Cl. 6B61F 3/04 6B61F 5/00**  
[25] FR  
[54] **BOGIE MOTEUR POUR VEHICULE FERROVIAIRE A PLANCHER BAS SUR TOUTE SA LONGUEUR**  
[54] **POWERED TRUCK FOR FULL LENGTH LOW FLOOR RAIL VEHICLE**  
[72] Rodet, Alain, FR  
[73] GEC ALSTHOM SA, FR  
[22] 1989-10-16  
[30] FR (88 13 704) 1988-10-18

[11] 2,001,011  
[13] C

[51] **Int.Cl. 6C09G 1/12**  
[25] EN  
[54] **GLAZING AGENT FOR AN AUTOMOBILE**  
[54] **PRODUIT DE LUSTRAGE POUR VOITURES AUTOMOBILES**  
[72] Shinohara, Seigo, JP  
[72] Okamura, Kiyoshi, JP  
[72] Kijima, Tetsuo, JP  
[73] Taiho Industries Co. Ltd., JP  
[22] 1989-10-19  
[30] JP (P63-306699) 1988-12-03

[11] 2,001,528  
[13] C

[51] **Int.Cl. 6H04Q 3/545 6H04Q 11/08**  
[25] EN  
[54] **CIRCUIT ARRANGEMENT FOR CENTRALLY CONTROLLED TELECOMMUNICATION EXCHANGES**  
[54] **CIRCUIT DE CENTRAL DE TELECOMMUNICATIONS**  
[72] Schlag, Richard, DE  
[72] Schröder, Franz, DE  
[73] SIEMENS AKTIENGESELLSCHAFT, DE  
[22] 1989-10-26  
[30] DE (P3836800.5) 1988-10-28  
[30] DE (P3905296.6) 1989-02-21

[11] 2,002,167  
[13] C

[51] **Int.Cl. 6C12Q 1/04**  
[25] EN  
[54] **DIAGNOSTIC MEDIA AND ASSAY FOR DETECTING FUNGICIDE RESISTANCE**  
[54] **MILIEU DE DIAGNOSTIC ET ESSAI POUR LA DETECTION DE LA RESISTANCE AUX FONGICIDES**  
[72] Butterfield, Earle J., US  
[72] Jones, Timothy L., US  
[72] Bardinelli, Ted R., US  
[73] BASF Corporation, US  
[22] 1989-11-03  
[30] US (285,658) 1988-12-16

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[11] **2,002,479**  
[13] C

[51] **Int.Cl. 6C25B 1/22 6C01G 28/00**  
[25] EN  
[54] **METHOD FOR MAKING ARSENIC ACID**  
[54] **METHODE DE PRODUCTION D'ACIDE ARSENIQUE**  
[72] Boateng, Daniel A. D., CA  
[73] Cominco Ltd., CA  
[22] 1989-11-08

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[11] **2,002,807**  
[13] C

[51] **Int.Cl. 6A61K 6/10**  
[25] EN  
[54] **POLYETHER-MOULDING MATERIAL, PROCESS FOR ITS PREPARATION AND ITS USE**  
[54] **MATERIAU DE MOULAGE A BASE DE POLYETHER, PROCEDE D'ELABORATION ET APPLICATIONS CONNEXES**  
[72] Ellrich, Klaus, DE  
[72] Jochum, Peter, DE  
[72] Gasser, Oswald, DE  
[72] Zahler, Wolf-Dietrich, DE  
[72] Lechner, Gunther, DE  
[72] Guggenberger, Rainer, DE  
[73] Espe Stiftung & Co. Produktions- und Vertriebs KG, DE  
[22] 1989-11-10  
[30] DE (P 38 38 587.2) 1988-11-14

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[11] **2,003,908**  
[13] C

[51] **Int.Cl. 6B29C 67/20**  
[25] EN  
[54] **PROCESS AND DEVICE FOR UNIFORM DISTRIBUTION OF A FREE-FLOWING REACTION MIXTURE ONTO A CONTINUOUSLY TRANSPORTED SUBSTRATE**  
[54] **PROCEDE ET DISPOSITIF DE DISTRIBUTION UNIFORME D'UN PRODUIT FLUIDE SUR UN SUBSTRAT TRANSPORTE EN CONTINU**  
[72] Krippel, Kurt, DE  
[73] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1989-11-27  
[30] DE (P 38 42 625.0) 1988-12-17

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[11] **2,004,058**  
[13] C

[51] **Int.Cl. 6A23G 9/24**  
[25] EN  
[54] **DEVICE AND AN INSTALLATION FOR SHAPING ICE-CREAM CONFECTIONERY**  
[54] **APPAREIL ET INSTALLATION POUR LA MISE EN FORME DE LA CREME GLACEE**  
[72] Daouse, Alain, FR  
[72] Delande, Bruno, FR  
[73] Frisco-Findus AG, CH  
[22] 1989-11-28  
[30] EP (88120981.1) 1988-12-15

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[11] **2,005,569**  
[13] C

[51] **Int.Cl. 6G06F 3/12**  
[25] EN  
[54] **PRINTER WITH IMPROVED DATA ENTRY**  
[54] **IMPRIMANTE A SAISIE DE DONNEES AMELIOREE**  
[72] Fidler, Thomas D., US  
[72] Schaeffer, Patricia Ann, US  
[73] Monarch Marking Systems, Inc., US  
[22] 1989-12-14  
[30] US (296,182) 1989-01-11

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[11] **2,005,595**  
[13] C

[51] **Int.Cl. 6C07D 239/47 6C07D 413/12 6A01N 47/36**  
[25] EN  
[54] **HERBICIDAL SULFONYLUREAS, THE PREPARATION AND USE THEREOF**  
[54] **SULFONYLURES HERBICIDES; LEUR PREPARATION ET LEUR UTILISATION**  
[72] Hamprecht, Gerhard, DE  
[72] Westphalen, Karl-Otto, DE  
[72] Wuerzer, Bruno, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[22] 1989-12-14  
[30] DE (P 39 00 472.4) 1989-01-10

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[11] **2,009,793**  
[13] C

[51] **Int.Cl. 6B63H 25/38**  
[25] EN  
[54] **RUDDER MECHANISM FOR SHIP**  
[54] **GOUVERNAIL POUR BATEAU**  
[72] KANAZAKI, Kihachiro, JP  
[73] KANAZAKI, Kihachiro, JP  
[73] KANAZAKI, Eriko, JP  
[22] 1990-02-12  
[30] JP (51197/1989) 1989-03-02

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[11] **2,010,431**  
[13] C

[51] **Int.Cl. 6C09D 5/44 6C09D 175/04 6C25D 13/08**  
[25] EN  
[54] **HEAT-CURABLE COATING COMPOSITION FOR CATHODIC ELECTRO-COATING**  
[54] **ENDUIT THERMODURCISSABLE POUR ELECTRODEPOSITION CATHODIQUE**  
[72] Schwerzel, Thomas, DE  
[72] Schupp, Hans, DE  
[72] Huemke, Klaus, DE  
[72] Faul, Dieter, DE  
[72] Heimann, Ulrich, DE  
[73] Basf Lacke + Farben Aktiengesellschaft, DE  
[22] 1990-02-20  
[30] DE (P 39 06 143.4) 1989-02-28

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[11] **2,010,787**  
[13] C

[51] **Int.Cl. 6C11D 1/74**  
[25] EN  
[54] **DETERGENT COMPOSITIONS WITH ELEVATED VISCOSITY**  
[54] **COMPOSES DETERSIFS A INDICE DE VISCOSITE ELEVEE**  
[72] Balzer, Dieter, DE  
[73] Hüls Aktiengesellschaft, DE  
[22] 1990-02-23  
[30] DE (P 39 05 938.3) 1989-02-25

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[11] 2,011,298  
[13] C

[51] **Int.Cl. 6H01Q 21/08**  
[25] EN  
[54] **DUAL POLARIZATION DIPOLE ARRAY ANTENNA**  
[54] **ANTENNE RESEAU DE DOUBLET A DOUBLE POLARISATION**  
[72] Alden, Adrian William, CA  
[72] Ohno, Tom Tsuyoshi, CA  
[73] Her Majesty in Right of Canada as represented by the Minister of, CA  
[22] 1990-03-01

[11] 2,011,452  
[13] C

[51] **Int.Cl. 6A61K 31/57**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION WHICH CONTAINS A PHARMACEUTICALLY SUITABLE CARRIER AND THE COMPOUND HAVING THE STRUCTURE (7Ó,17Ó)-17-HYDROXY-7-METHYL-19-NOR-17-PREGN-5(10)-EN-20-YN -3-ONE**  
[54] **COMPOSE PHARMACEUTIQUE CONTENANT UN VECTEUR ACCEPTABLE EN PHARMACOLOGIE ET UN COMPOSE DE (7 ALPHA, 17 ALPHA)-17-HYDROXY-7-METHYL-19-NOR-19-PREGN-5-(10)-EN-20-YN- 3-ONE**  
[72] Sas, Gerard Arnoud Jozef Maria Theresia, NL  
[72] Van Doornum, Emile Martin, NL  
[73] Akzo nv, NL  
[22] 1990-03-05  
[30] NL (89.00673) 1989-03-18

[11] 2,012,488  
[13] C

[51] **Int.Cl. 6B65D 33/24**  
[25] EN  
[54] **ZIPPER CLOSURE WITH INTERNAL PEEL SEAL**  
[54] **FERMETURE A GLISSIERE, AVEC ETANCHEITE INTERIEURE PELABLE**  
[72] Van Erden, Donald L., US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 1990-03-19  
[30] US (327,618) 1989-03-23

[11] 2,014,002  
[13] C

[51] **Int.Cl. 6C07F 9/46 6C07F 9/48**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF ALKYLPHOSPHONOUS ACID DIESTERS AND/OR DIALKYLPHOSPHINOUS ACID ESTERS**  
[54] **PROCEDE DE PREPARATION DE DIESTERS D'ACIDES ALKYLPHOSPHONEUX OU D'ESTERS D'ACIDES DI-ALKYLPHOSPHINEUX (OU LES DEUX)**  
[72] Thiele, Michael, DE  
[72] Scheffel, Gunter, DE  
[73] Hoechst Aktiengesellschaft, DE  
[22] 1990-04-06  
[30] DE (P 39 11 230.6) 1989-04-07

[11] 2,016,189  
[13] C

[51] **Int.Cl. 6C08L 75/04 6C09D 175/04 6C08J 7/04**  
[25] EN  
[54] **ABRASION RESISTANT POLYURETHANE BLEND COMPOSITIONS**  
[54] **COMPOSES DE POLYURETHANNE RESISTANCE AU FROTTEMENT**  
[72] Lenke, Gerd M., US  
[72] Chihara, Kohji Y., US  
[73] GenCorp Inc., US  
[22] 1990-05-07  
[30] US (443,413) 1989-11-30

[11] 2,019,080  
[13] C

[51] **Int.Cl. 6H04N 5/92 6H04N 9/86**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REPRODUCING A DIGITAL VIDEO SIGNAL**  
[54] **METHODE ET APPAREIL DE LECTURE DE SIGNAUX VIDEO NUMERIQUE**  
[72] Suma, Tetsuro, JP  
[73] SONY CORPORATION, JP  
[22] 1990-06-15  
[30] JP (154263/89) 1989-06-16  
[30] JP (154264/89) 1989-06-16

[11] 2,019,805  
[13] C

[51] **Int.Cl. 6E04D 1/12**  
[25] EN  
[54] **MULTI-LAYER SHINGLE**  
[54] **BARDEAU MULTICOUCHES**  
[72] Hannah, Marcia G., US  
[72] Noone, Michael J., US  
[72] Mehrer, George W., US  
[72] Quaranta, Joseph, US  
[72] Stahl, Kermit E., US  
[73] CertainTeed Corporation, US  
[22] 1990-06-26  
[30] US (515,601) 1990-04-27

[11] 2,023,804  
[13] C

[51] **Int.Cl. 6G01N 33/543 6G01N 33/557 6G01N 33/76**  
[25] EN  
[54] **METHOD FOR MEASURING AN IMMUNOLOGICALLY ACTIVE MATERIAL AND APPARATUS SUITABLE FOR PRACTICING SAID METHOD**  
[54] **METHODE DE DOSAGE D'UNE SUBSTANCE IMMUNOLOGIQUE-MENT ACTIVE ET APPAREIL A CET EFFET**  
[72] Okamoto, Tadashi, JP  
[72] Sakuranaga, Masanori, JP  
[72] Tanaka, Kazumi, JP  
[72] Miyazaki, Takeshi, JP  
[73] Canon Kabushiki Kaisha, JP  
[22] 1990-08-22  
[30] JP (214888/Hei.1(1989)) 1989-08-23  
[30] JP (186796 (1990)) 1990-07-12  
[30] JP (185675 (1990)) 1990-07-13

[11] 2,026,187  
[13] C

[51] **Int.Cl. 6G02B 6/36 6G02B 6/44**  
[25] EN  
[54] **DUPLEX OPTICAL FIBER CONNECTOR AND CABLES TERMINATED THEREWITH**  
[54] **CONNECTEUR DE FIBRES OPTIQUES DOUBLE ET CABLES MUNIS DE TELS CONNECTEURS**  
[72] Hammond, Rodney Wiley, US  
[72] Myers, Clyde Jackson, US  
[72] Travieso, Ruben, US  
[73] American Telephone and Telegraph Company, US  
[22] 1990-09-25  
[30] US (413,501) 1989-09-27

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[11] **2,026,442**  
[13] C

[51] **Int.Cl. 5B23Q 3/157 5B23B 29/04 5B23B 31/06 5B23Q 3/12 5B23C 5/26**  
[25] EN  
[54] **COUPLING FOR A DETACHABLE FIXING OF COMPONENTS AT APPROPRIATE CARRIER MEMBERS**  
[54] **RACCORD POUR FIXER, DE MANIERE QU'ILS SOIENT AMOVIBLES, DES ELEMENTS A DES SUPPORTS APPROPRIES**  
[72] Reinauer, Josef, DE  
[73] GUHRING OHG, DE  
[85] 1990-09-28  
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[11] **2,029,972**  
[13] C

[51] **Int.Cl. 6C09K 3/18**  
[25] EN  
[54] **DEICER COMPOSITION HAVING GELLING AGENT ADDITIVE TO MINIMIZE SPALLING OF CONCRETE**  
[54] **COMPOSITION DE DEGLACAGE CONTENANT UN ADDITIF GELIFIANT PERMETTANT DE REDUIRE LE PLUS POSSIBLE L'EFFRITEMENT DU BETON**  
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[72] Waatti, Kurt J., US  
[73] MORTON INTERNATIONAL, INC., US  
[22] 1990-11-14  
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[11] **2,032,932**  
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[25] EN  
[54] **METHOD OF PRODUCING A POROUS METAL AND A METAL PRODUCT USING THE SAME**  
[54] **METHODE DE PRODUCTION D'UN METAL POREUX ET PRODUIT METALLIQUE UTILISANT CE METAL POREUX**  
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[72] Ikki, Tokuhiko, JP  
[73] Asahi Tec Corporation, JP  
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[11] **2,035,084**  
[13] C

[51] **Int.Cl. 6A61F 2/30 6A61F 2/38 6A61F 2/64**  
[25] EN  
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[73] Otto Bock Orthopadische Industrie Besitz- und Verwaltungs-Kommanditgesel, DE  
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[11] **2,036,823**  
[13] C

[51] **Int.Cl. 6B05D 1/18 6B01J 37/02 6B05D 3/12 6C04B 41/81 6C04B 41/85**  
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[54] **METHOD OF COATING CERAMIC HONEYCOMB MEMBERS WITH FINELY-DIVIDED SOLIDS**  
[54] **METHODE DE REVETEMENT D'ELEMENTS DE CERAMIQUE ALVEOLES AVEC DE FINES PARTICULES SOLIDES**  
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[72] Birtigh, Gerhard, DE  
[72] Baumgartner, Wilfried, DE  
[72] Manner, Reinhard, DE  
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[11] **2,036,832**  
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[51] **Int.Cl. 6E02D 5/34**  
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[72] Gagliano, Richard, US  
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[22] 1991-02-21  
[30] US (493,996) 1990-03-15

[11] **2,037,166**  
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[51] **Int.Cl. 6G01V 5/12**  
[25] EN  
[54] **PRODUCTION LOGGING TOOL FOR MEASURING FLUID DENSITIES**  
[54] **OUTIL UTILISE EN DIAGRAPHIE DE PRODUCTION, ET SERVANT A MESURER LA DENSITE D'UN FLUIDE**  
[72] Moake, Gordon Layne, US  
[73] Halliburton Logging Services, Inc., US  
[22] 1991-02-26  
[30] US (485,703) 1990-02-27

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[13] C

[51] **Int.Cl. 6H04L 1/00 6H04L 1/20 6H04L 12/56**  
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[54] **DISPOSITIF DE CORRECTION DES ERREURS DANS UN EN-TETE DE PAQUET AU MOYEN D'UN CODE REED-SOLOMON**  
[72] Okuyama, Hideki, JP  
[73] NEC Corporation, JP  
[22] 1991-03-04  
[30] JP (54749/1990) 1990-03-05

[11] **2,038,011**  
[13] C

[51] **Int.Cl. 6C12P 7/62**  
[25] EN  
[54] **PROCESSES FOR PREPARING 2-HALOGENO-3-HYDROXY-3-PHENYLPROPIONIC ACID ESTER COMPOUNDS**  
[54] **METHODES DE PREPARATION D'ESTERS DE L'ACIDE 2-HALOGENO-3-HYDROXY-3-PHENYLPROPIONIQUE**  
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[72] Matsumae, Hiroaki, JP  
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[73] Tanabe Seiyaku Co., Ltd., JP  
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[11] **2,039,050**  
[13] C

[51] **Int.Cl. 6C08L 83/05 6C08L 57/00**  
[25] EN  
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[54] **COMPOSITION DE RESINE DE POLYMERISATION ET PRODUIT POLYMERISE PAR L'ACTION DE CETTE RESINE**  
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[72] Yoshikawa, Yuji, JP  
[72] Yamamoto, Kenji, JP  
[72] Ohsugi, Hiroharu, JP  
[72] Ohgaki, Atsushi, JP  
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[22] 1991-03-26  
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[13] C

[51] **Int.Cl. 6G01N 33/531 6C12Q 1/34 6C12Q 1/54 6G01N 33/542 6C12N 9/96**  
[25] EN  
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[73] BOEHRINGER MANNHEIM CORPORATION, US  
[22] 1991-04-02  
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[13] C

[51] **Int.Cl. 6A23K 1/18 6A23K 1/16**  
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[54] **FISH FEED**  
[54] **ALIMENTS POUR POISSONS**  
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[72] Rorvik, Kjell Arne, NO  
[72] Thomassen, Magny, NO  
[73] Norsk Hydro a.s, NO  
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[30] NO (902274) 1990-05-23

[11] **2,046,600**  
[13] C

[51] **Int.Cl. 6A61K 7/021**  
[25] FR  
[54] **COMPOSITION RESISTANTE A L'EAU POUR LE REVETEMENT DES CILS, ET SON PROCEDE DE PREPARATION**  
[54] **WATER-RESISTANT LASH-COATING COMPOSITION AND ITS PREPARATION PROCESS**  
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[72] Piot, Bertrand, FR  
[73] L'ORÉAL, FR  
[85] 1991-08-14  
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[87] (WO91/12793) [30] FR (90 02 578) 1990-03-01

[11] **2,047,187**  
[13] C

[51] **Int.Cl. 6C01B 33/18 6C03C 12/00 6C03B 37/018 6C03C 17/245**  
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[54] **PRODUITS EN VERRE DE SILICE AMELIORES**  
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[72] Smithson, Alan, GB  
[72] Wells, Peter J., GB  
[73] TSL Group PLC, GB  
[85] 1991-08-19  
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[11] **2,048,414**  
[13] C

[51] **Int.Cl. 6A61B 17/064**  
[25] EN  
[54] **ABSORBABLE SURGICAL FASTENER WITH BONE PENETRATING ELEMENTS**  
[54] **AGRAFES ORTHOPEDIQUES RESORBABLES**  
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[73] United States Surgical Corporation,  
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[11] **2,048,664**  
[13] C

[51] **Int.Cl. 6E03F 1/00**  
[25] EN  
[54] **VACUUM DRAINAGE SYSTEM**  
[54] **DISPOSITIF D'EVACUATION PAR ASPIRATION**  
[72] Hofseth, Olav, DE  
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[85] 1991-08-28  
[86] 1990-03-02 (PCT/EP90/00349)  
[87] (WO90/10123) [30] NO (890927) 1989-03-03

[11] **2,049,363**  
[13] C

[51] **Int.Cl. 6B01F 3/04 6B67C 3/06**  
[25] EN  
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[54] **AERATEUR DE LIQUIDE**  
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[72] Hulley, Peter, GB  
[73] Soda Club Holdings N.V., AN  
[22] 1991-08-16  
[30] IL (95413) 1990-08-17

[11] **2,050,930**  
[13] C

[51] **Int.Cl. 6F16K 31/64**  
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[54] **SOUPAPE THERMOSENSIBLE DE PRIORITE MANUELLE**  
[72] Rundle, Gregory E., CA  
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[85] 1991-09-13  
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[11] **2,051,644**  
[13] C

[51] **Int.Cl. 6G02B 21/36 6G02B 21/06**  
[25] EN  
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[85] 1991-10-04  
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[13] C

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[25] EN  
[54] **A DIGITAL LINE CARD FOR INTERFACING A REMOTELY LOCATED DIGITAL TELEPHONE TO A CENTRAL OFFICE SYSTEM**  
[54] **CARTE DE LIGNE NUMERIQUE PERMETTANT D'INTERFACER UN TELEPHONE NUMERIQUE ELOIGNE ET UN CENTRAL TELEPHONIQUE**  
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[72] Bissonnette, Thomas C., US  
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[73] AG COMMUNICATION SYSTEMS CORPORATION, US  
[22] 1991-09-19  
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[11] **2,053,666**  
[13] C

[51] **Int.Cl. 6B26B 21/44 6B29B 7/00 6B29C 47/00 6A61K 7/48**  
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[54] **SYSTEME DE RASAGE**  
[72] Rogers, Brian A., US  
[72] Tseng, Mingchih, M., US  
[73] GILLETTE COMPANY (THE), US  
[22] 1991-10-17

[11] **2,054,588**  
[13] C

[51] **Int.Cl. 6A61F 2/66**  
[25] EN  
[54] **JOINTLESS PROSTHETIC FOOT**  
[54] **PIED PROTHETIQUE SANS ARTICULATION**  
[72] Wellershaus, Ulf, DE  
[73] OTTO BOCK ORTHOPADISCHE INDUSTRIE BESITZ- UND VERWALTUNGS-KOMMANDITGESEL, DE  
[22] 1991-10-31  
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[11] **2,054,670**  
[13] C

[51] **Int.Cl. 6B65D 1/36 6B65D 25/54**  
[25] EN  
[54] **FOOD PACKAGE HAVING A COMPARTMENTALIZED RIGID BASE TRAY**  
[54] **EMBALLAGE POUR ALIMENTS A PLATEAU RIGIDE COMPARTIMENTE**  
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[72] Launder, Yolanda M., US  
[72] Thompson, Bjorn J., US  
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[30] US (609,533) 1990-11-06

[11] **2,055,051**  
[13] C

[51] **Int.Cl. 6G02B 6/40**  
[25] FR  
[54] **PROCEDE DE FABRICATION DE MULTIFERRULES COMPORTANT UNE SERIE DE CANAUX A AXES PARALLELES ET MULTIFERRULE ISSUE DE CE PROCEDE**  
[54] **PROCESS FOR MAKING MULTIFERRULES CONTAINING A NUMBER OF PARALLEL ARRANGED CYLINDRICAL CHANNELS AND MULTIFERRULE PRODUCED THEREFROM**  
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[72] Dupont, Philippe, FR  
[72] Tardy, André, FR  
[73] ALCATEL FIBRES OPTIQUES, FR  
[22] 1991-11-06  
[30] FR (90 13 857) 1990-11-08  
[30] FR (91 10 786) 1991-08-30

[11] **2,056,079**  
[13] C

[51] **Int.Cl. 6F01N 3/08 6B01D 53/04 6B01D 53/34**  
[25] EN  
[54] **METHOD FOR TREATING EXHAUST GAS FROM LIGHT OIL COMBUSTION AND APPARATUS THEREFOR**  
[54] **APPAREIL UTILISE POUR LE TRAITEMENT DES GAZ DE COMBUSTION DE L'HUILE LEGERE ET METHODE CONNEXE**  
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[73] Social Welfare Foundation Hokkaido Rehabily, JP  
[22] 1991-11-18  
[30] JP (325036/1990) 1990-11-26  
[30] US (07/669,917) 1991-03-15  
[30] JP (303889/1991) 1991-10-24

[11] **2,056,767**  
[13] C

[51] **Int.Cl. 6B08B 7/04 6G01J 1/14 6C21B 7/24**  
[25] EN  
[54] **ADVANCED WATER LANCE CONTROL SYSTEM BASED ON PEAK FURNACE WALL EMISSIVITY**  
[54] **SYSTEME PERFECTIONNE DE COMMANDE DU JET DE VAPEUR EN FONCTION DE L'EMISSIVITE DE LA PAROI DE LA CHAUDIERE**  
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[72] Draxton, Dean E., US  
[73] DIAMOND POWER INTERNATIONAL, INC., US  
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[30] US (621,418) 1990-12-03

[11] **2,057,566**  
[13] C

[51] **Int.Cl. 6C09D 11/16**  
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[54] **COMPOSITION D'ENCRE DE MARQUAGE, DE TYPE ETHANOL**  
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[73] Mitsubishi Pencil Kabushiki Kaisha, JP  
[22] 1991-12-12  
[30] JP (29011/1991) 1991-01-31

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[13] C

[51] **Int.Cl. 6C09D 11/16**  
[25] EN  
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[54] **COMPOSITION DE PATE A MARQUER A BASE D'ALCOOL**  
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[13] C

[51] Int.Cl. 6C02F 1/463  
[25] EN  
[54] METHOD OF PURIFYING LACUSTRINE WATER AND FILTHY WATER PURIFICATION BOAT  
[54] METHODE POUR LA PURIFICATION D'EAUX LACUSTRES ET BATEAU POUR LA PURIFICATION D'EAUX SOUILLEES  
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[85] 1991-12-06  
[86] 1991-04-09 (PCT/JP91/00469)  
[87] (WO91/15431) [30] JP (2-92335) 1990-04-09

[11] 2,059,398  
[13] C

[51] Int.Cl. 6B01D 53/04 6B01J 20/26 6B01J 20/28  
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[54] AGENT D'EXTRACTION EN PHASE SOLIDE  
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[72] Hagen, Donald F., US  
[72] Luedtke, James D., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
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[11] 2,062,299  
[13] C

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[54] DERIVES DU CYCLOPROPANE  
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[72] Sekiyama, Takaaki, JP  
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[30] JP (123239/1991) 1991-03-05  
[30] JP (184709/1991) 1991-07-24

[11] 2,062,779  
[13] C

[51] Int.Cl. 6A01N 43/20  
[25] EN  
[54] STERILIZING GAS COMPOSITION COMPRISING MONOCHLOROTETRAFLUORETHANE AND ETHYLENE OXIDE  
[54] MELANGE GAZEUX POUR LA STERILISATION COMPRENANT DU MONOCHLOROTETRAFLUOROTHANE ET DE L'OXYDE D'ETHYLENE  
[72] Shankland, Ian Robert, US  
[72] Wilson, David Paul, US  
[72] Basu, Rajat Subhra, US  
[73] AlliedSignal Inc., US  
[85] 1991-12-30  
[86] 1990-06-13 (PCT/US90/03357)  
[87] (WO91/01764) [30] US (386,926) 1989-07-28

[11] 2,066,417  
[13] C

[51] Int.Cl. 6A61K 7/32  
[25] EN  
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[54] ANTISUDORAL  
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[72] Karassik, Nancy M., US  
[73] Gillette Company (The), US  
[85] 1992-03-06  
[86] 1990-09-13 (PCT/US90/05187)  
[87] (WO91/04009) [30] US (408,124) 1989-09-15

[11] 2,066,915  
[13] C

[51] Int.Cl. 6H04L 1/00 6H04Q 7/08  
[25] EN  
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[54] SYSTEME DE COMMUNICATION SANS FIL FAISANT SYSTEMATIQUEMENT PASSER LES TERMINAUX ELOIGNES A L'ETAT D'INACTION  
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[72] Sasaki, Norio, JP  
[73] FUJITSU LIMITED, JP  
[22] 1992-04-23  
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[11] 2,067,371  
[13] C

[51] Int.Cl. 6A61K 35/18 6A61J 1/14 6A61K 38/42  
[25] EN  
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[54] COMPOSITION A BASE D'HEMOGLOBINE STABLE ET METHODE DE CONSERVATION DE CETTE COMPOSITION  
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[72] Kandler, Richard L., US  
[73] BAXTER INTERNATIONAL INC., US  
[85] 1992-04-01  
[86] 1991-07-24 (PCT/US91/05219)  
[87] (WO92/02239) [30] US (7/562,786) 1990-08-06

[11] 2,070,497  
[13] C

[51] Int.Cl. 6C07F 15/00 6A61K 31/555  
[25] EN  
[54] NOVEL PLATINUM (II) COMPLEX AND ANTITUMOR AGENT  
[54] COMPLEXE A BASE DE PLATINE (II) ET AGENT ANTITUMORAL  
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[72] Mutoh, Masato, JP  
[72] Kawai, Hideki, JP  
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[30] JP (3-138,029) 1991-06-10

[11] 2,070,936  
[13] C

[51] Int.Cl. 6A61L 9/04 6A61L 9/12  
[25] EN  
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[54] ASSAINISSEUR D'AIR AU PARFUM ET METHODE DE FABRICATION  
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[72] Baxter, James T., US  
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[22] 1992-06-10  
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[25] EN  
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[54] **DOSAGE ENZYMO-IMMUNOLOGIQUE DE LA B12**  
[72] Watkins, Michael I., US  
[72] Bartlett, Clifford R., US  
[72] Liang, Edward Tung-Wu, US  
[72] Pocekay, John M., US  
[72] Staples, Mark A., US  
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[13] C

[51] **Int.Cl. 6H04L 12/52 6H04J 3/06 6H04J 3/08 6H04J 3/22 6H04L 12/56**  
[25] EN  
[54] **INPUT-OUTPUT SIGNAL CONTROL APPARATUS**  
[54] **CONTROLEUR DE SIGNAUX D'ENTREE-SORTIE**  
[72] Kondo, Ryuichi, JP  
[72] Yamashita, Haruo, JP  
[72] Shinomiya, Tomohiro, JP  
[73] FUJITSU LIMITED, JP  
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[22] 1992-06-18  
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[11] **2,073,431**  
[13] C

[51] **Int.Cl. 6A61K 9/127 6B01J 13/02**  
[25] EN  
[54] **INTERDIGITATION-FUSION LIPOSOMES AND GELS**  
[54] **LIPOSOMES ET GELS D'INTERDIGITATION ET DE FUSION**  
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[72] Minchey, Sharma R., US  
[72] Perkins, Walter R., US  
[72] Swenson, Christine E., US  
[72] Ahl, Patrick L., US  
[73] Liposome Company, Inc. (The), US  
[85] 1992-07-09  
[86] 1991-01-11 (PCT/US91/00259)  
[87] (WO91/10422) [30] US (464,528) 1990-01-12

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[13] C

[51] **Int.Cl. 6B60K 41/06 6F16H 61/00**  
[25] EN  
[54] **REENGAGEMENT CONTROL/METHOD FOR MECHANICAL TRANSMISSION SYSTEM WITH AUTOMATIC SHIFT IMPLEMENTATION**  
[54] **DISPOSITIF DE REEMBROYAGE POUR TRANSMISSION SEMI-AUTOMATIQUE**  
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[73] EATON CORPORATION, US  
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[30] US (736,141) 1991-07-26

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[11] **2,077,035**  
[13] C

[51] **Int.Cl. 6B60C 23/10**  
[25] EN  
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[54] **EVENT POUR SYSTEME DE GONFLAGE DE PNEUS DE VEHICULE**  
[72] Freigang, Alan Richard, US  
[73] EATON CORPORATION, US  
[22] 1992-08-27  
[30] US (753,539) 1991-09-03

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[11] **2,077,301**  
[13] C

[51] **Int.Cl. 6B30B 9/00 6B30B 9/32**  
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[54] **COMPACTEUR POUR ORDURES**  
[72] Lackner, Raymond F., US  
[73] M. Glosser & Sons, Inc., US  
[22] 1992-09-01  
[30] US (07/757,952) 1991-09-12

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[11] **2,078,175**  
[13] C

[51] **Int.Cl. 6A61M 25/10 6A61M 29/02**  
[25] EN  
[54] **CATHETER BALLOON FORMED FROM A POLYMERIC COMPOSITE**  
[54] **BALLONNET POUR CATHETER FABRIQUE A PARTIR D'UN COMPOSE DE POLYMERES**  
[72] Radisch, Herbert R., US  
[72] Vigil, Dennis M., US  
[73] InterVentional Technologies, Inc., US  
[22] 1992-09-14  
[30] US (811,314) 1991-12-20

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[11] **2,081,297**  
[13] C

[51] **Int.Cl. 6B08B 15/00 6F24C 15/20**  
[25] EN  
[54] **DEVICE FOR INTERCEPTING AND COLLECTING LIQUID MEDIA FROM ASCENDING GASEOUS CARRIERS**  
[54] **DISPOSITIF DE SEPARATION ET COLLECTE DE LIQUIDE VEHICULE PAR GAZ ASCENDANTS**  
[72] Hammer, Frank, DE  
[73] GIF Gesellschaft für Ingenieurprojekte Freiburg mbH, DE  
[22] 1992-10-23

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[11] **2,083,920**  
[13] C

[51] **Int.Cl. 6E04D 13/08**  
[25] EN  
[54] **UNIVERSAL HINGE CONNECTOR FOR DOWNSPOUT DRAINAGE EXTENSIONS**  
[54] **RACCORD UNIVERSEL A CHARNIERE POUR RALLONGES DE TUYAUX D'EVACUATION**  
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[72] Sicotte, Denis, CA  
[73] METRO EAVESTROUGHING LTD., CA  
[22] 1992-11-26

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[11] **2,084,034**  
[13] C

[51] **Int.Cl. 6H04B 1/10 6H04L 27/01**  
[25] EN  
[54] **ADAPTIVE RECEIVER APPARATUS**  
[54] **RECEPTEUR ADAPTATIF**  
[72] Ushirokawa, Akihisa, JP  
[73] NEC Corporation, JP  
[22] 1992-11-27  
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[13] C

[51] Int.Cl. 6C10M 105/38 6C09K 5/04  
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[25] EN  
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[54] LUBRIFIANT DESTINE A DES FLUIDES FRIGORIGENES  
[72] Zehler, Eugene R., US  
[72] Schnur, Nicholas E., US  
[73] Henkel Corporation, US  
[85] 1992-12-07  
[86] 1991-03-11 (PCT/US91/01616)  
[87] (WO92/01030) [30] US (551,979) 1990-07-12

[11] 2,085,791  
[13] C

[51] Int.Cl. 6C22B 3/20 6C22B 15/00  
6C22B 3/08  
[25] EN  
[54] HYDROMETALLURGICAL PROCESS FOR THE TREATMENT OF COPPER-BEARING ORE  
[54] PROCEDE HYDROMETALLURGIQUE POUR LE TRAITEMENT DE MINERAI CUPRIFERE  
[72] Alvarez, Aliro Teodoro Nelson Pincheira, CL  
[72] Insunza, Andrus Antonio Reghezza, CL  
[72] Rivera, Alberto Segundo Cruz, CL  
[73] Corporacion Nacional Del Cobre De Chile, CL  
[22] 1992-12-18  
[30] CL (1268/91) 1991-12-18

[11] 2,085,875  
[13] C

[51] Int.Cl. 6B01J 13/04 6A01N 25/28  
6A61K 9/48 6A61K 9/50  
[25] EN  
[54] STARCH ENCAPSULATION OF BIOLOGICALLY ACTIVE AGENTS BY A CONTINUOUS PROCESS  
[54] ENCAPSULATION PAR AMIDON D'AGENTS BIO-ACTIFS A L'AIDE D'UN PROCEDE CONTINU  
[72] Carr, Merle E., US  
[72] Doane, William M., US  
[72] Wing, Robert E., US  
[72] Bagley, Edward B., US  
[73] United States of America, represented by the, US  
[85] 1992-12-18  
[86] 1991-06-19 (PCT/US91/04152)  
[87] (WO92/00140) [30] US (542,566) 1990-06-25

[11] 2,087,180  
[13] C

[51] Int.Cl. 6A01K 63/00  
[25] EN  
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[54] ENSEMBLE D'AQUARIUMS  
[72] Strong, Finn A., US  
[73] Finn Strong Designs Inc., US  
[85] 1993-01-12  
[86] 1991-06-06 (PCT/US91/03985)  
[87] (WO92/00668) [30] US (552,104) 1990-07-13  
[30] US (672,325) 1991-03-20

[11] 2,089,847  
[13] C

[51] Int.Cl. 6H04B 7/26  
[25] FR  
[54] SYSTEME DE GESTION DYNAMIQUE D'UN ENSEMBLE D'EQUIPEMENTS RELIES EN RESEAU DE TELECOMMUNICATIONS  
[54] SYSTEM FOR DYNAMICALLY MANAGING A SET OF EQUIPMENTS MAKING-UP A TELECOMMUNICATIONS NETWORK  
[72] Montarges, Jean, FR  
[72] Destouesse, Claude, FR  
[73] ALCATEL TELSPACE, FR  
[22] 1993-02-18  
[30] FR (92 01 879) 1992-02-19

[11] 2,089,950  
[13] C

[51] Int.Cl. 6C07F 5/00 6C07F 11/00  
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[25] EN  
[54] SUNSCREEN AGENTS  
[54] AGENTS ANTISOLAIRES  
[72] Carr, Stuart William, GB  
[72] Franklin, Kevin Ronald, GB  
[72] Nunn, Charles Craig, US  
[72] Pasternak, Jeffrey John, US  
[72] Scott, Ian Richard, US  
[73] Unilever PLC, GB  
[22] 1993-02-19  
[30] GB (9203806.6) 1992-02-21

[11] 2,090,309  
[13] C

[51] Int.Cl. 6B60T 17/22  
[25] EN  
[54] TRANSDUCER HEALTH AND OFFSET CALIBRATION PROCESSING SYSTEM  
[54] DISPOSITIF POUR DIAGNOSTIQUER L'ETAT D'UN TRANSDUCTEUR ET POUR MESURER L'ETAT DE DESEQUILIBRE CYLINDRE DE FREIN  
[72] Drake, John W., US  
[72] Pcsolar, David J., US  
[72] Wood, James A., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1993-02-24  
[30] US (07/923678) 1992-08-03

[11] 2,090,574  
[13] C

[51] Int.Cl. 6A61K 31/155  
[25] EN  
[54] METHOD OF INHIBITING NITRIC OXIDE FORMATION  
[54] METHODE POUR EMPECHER LA FORMATION DE MONOXYDE D'AZOTE  
[72] Corbett, John Andrew, US  
[72] McDaniel, Michael Lynn, US  
[72] Tilton, Ronald Gene, US  
[72] Williamson, Joseph Robert, US  
[73] Washington University, US  
[22] 1993-02-26  
[30] US (07/843,387) 1992-02-28

[11] 2,091,382  
[13] C

[51] Int.Cl. 6F16K 17/04 6B60C 23/10  
[25] EN  
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[54] SOUPEPE DE DETENTE  
[72] Freigang, Alan R., US  
[72] Runels, Thomas L., US  
[72] Schultz, Gary R., US  
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[13] C

[51] **Int.Cl. 6H04L 7/00**  
[25] EN  
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[54] **METHODE DE SYNCHRONISATION ET DISPOSITIF UTILISANT CETTE METHODE**  
[72] Meylemans, Philippe, BE  
[72] Cloetens, Leon, BE  
[73] Alcatel N.V., NL  
[22] 1993-03-26  
[30] EP (92200869.3) 1992-03-27

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[13] C

[51] **Int.Cl. 6A61B 5/0452**  
[25] EN  
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[54] **MONITORAGE DE LA PROFONDEUR DE L'ANESTHESIE**  
[72] Pomfrett, Christophor John Douglas, GB  
[73] Victoria University of Manchester (The), GB  
[85] 1993-04-16  
[86] 1991-10-16 (PCT/GB91/01807)  
[87] (WO92/06632) [30] GB (9022623.4) 1990-10-18

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[11] \* **2,094,523**  
[13] C

[51] **Int.Cl. 6G06T 1/00 6G06F 5/00**  
[25] EN  
[54] **DIGITAL IMAGE PROCESSOR FOR COLOR IMAGE TRANSMISSION**  
[54] **PROCESSEUR A IMAGES NUMERIQUE POUR LA TRANSMISSION D'IMAGES EN COULEURS**  
[72] Feig, Ephraim, US  
[72] Linzer, Elliot N., US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1993-04-21  
[30] US (922,295) 1992-07-30

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[13] C

[51] **Int.Cl. 6F02M 27/02 6F02B 43/08**  
[25] EN  
[54] **METHOD AND DEVICE FOR PREPARING FUEL-AIR MIXTURE FOR INTERNAL COMBUSTION ENGINE**  
[54] **DISPOSITIF DE PRE-TRAITEMENT DU MELANGE AIR-CARBURANT POUR UN MOTEUR A COMBUSTION INTERNE ET METHODE CONNEXE**  
[72] Shatalov, Vasily Nikolaevich, SU  
[72] Pugachev, Alexandr Vasilievich, SU  
[73] Pugachev, Alexandr Vasilievich, SU  
[85] 1993-05-04  
[86] 1992-03-26 (PCT/RU92/00058)  
[87] (WO93/06358) [30] SU (5002331/06) 1991-09-18  
[30] SU (5013677/06) 1991-12-12

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[11] **2,095,931**  
[13] C

[51] **Int.Cl. 6B09B 3/00 6C04B 32/00 6C04B 18/30**  
[25] EN  
[54] **PROCESS FOR FIXING LEAD-CONTAMINATED ECOLOGICALLY HAZARDOUS INDUSTRIAL WASTE MATERIALS USING CLINOPTILOLITE ZEOLITE**  
[54] **METHODE SERVANT A FIXER DES RESIDUS INDUSTRIELS CONTAMINES PAR LE PLOMB ET PRESENTANT UN DANGER ECOLOGIQUE, A L'AIDE DE ZEOLITE CLINOPTILOLITE**  
[72] Graves, Paul Raymond, Jr., US  
[73] GNB TECHNOLOGIES INC., US  
[85] 1993-05-10  
[86] 1992-09-10 (PCT/US92/07665)  
[87] (WO93/04995) [30] US (761,163) 1991-09-11  
[30] US (941,392) 1992-09-08

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[11] **2,097,400**  
[13] C

[51] **Int.Cl. 6H04L 12/28**  
[25] EN  
[54] **SWITCHING NETWORK FOR SETTING UP RELATED VIRTUAL PATHS**  
[54] **RESEAU DE COMMUTATION SERVANT A ETABLIR DES TRAJETS VIRTUELS CONNEXES**  
[72] Peeters, Hugo Jan Philemon, BE  
[73] Alcatel N.V., NL  
[22] 1993-05-31  
[30] EP (92201552.4) 1992-06-01

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[11] \* **2,100,539**  
[13] C

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **FUNCTION DISTRIBUTION IN A PACKET SWITCHED NETWORK**  
[54] **DISTRIBUTION DE FONCTION DANS UN RESEAU A COMMUTATION PAR PAQUET**  
[72] Derby, Jeffrey Haskell, US  
[72] Drake, John Ellis Jr., US  
[72] Dudley, John Gary, US  
[72] Hervatic, Elizabeth Anne, US  
[72] Janniello, James Patrick, US  
[72] Kaplan, Marc Adam, US  
[72] Kesner, Barry Alan, US  
[72] Koperda, Francis Richard, US  
[72] Peters, Marcia Lambert, US  
[72] Cidon, Israel, IL  
[72] Potter, Kenneth Harvey, US  
[72] Tsigler, Andrey Lev, FR  
[72] Marin, Gerald Arnold, US  
[72] Gopal, Inder Sarat, US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1993-07-14  
[30] US (978,609) 1992-11-19

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[11] \* **2,100,541**  
[13] C

[51] **Int.Cl. 6H04L 12/66**  
[25] EN  
[54] **DISTRIBUTED PROCESSING OF ROUTE SELECTION ACROSS NETWORKS AND SUBNETWORKS**  
[54] **TRAITEMENT REPARTI DE LA SELECTION DES TRAJETS ENTRE RESEAUX ET SOUS-RESEAUX**  
[72] Derby, Jeffrey Haskell, US  
[72] Vu, Ken Van, US  
[72] Doeringer, Willibald A., CH  
[72] Sandick, Haldon J., US  
[72] Drake, John Ellis Jr., US  
[72] Dykeman, Douglas H., CH  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
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[30] US (980,854) 1992-11-24

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[13] C

[51] **Int.Cl. 6C08F 2/50 6B29D 11/00**  
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[54] **METHOD AND APPARATUS FOR THE PRODUCTION OF PLASTIC LENSES**  
[54] **PROCEDE ET DISPOSITIF POUR LA FABRICATION DE LENTILLES EN PLASTIQUE**  
[72] Buazza, Omar M., US  
[72] Lipscomb, N. Thornton, US  
[72] Luetke, Stephen C., US  
[72] Robinson, John J., US  
[73] Q 2100, Inc., US  
[85] 1993-07-16  
[86] 1992-01-13 (PCT/US92/00327)  
[87] (WO92/12851) [30] US (07/642,614) 1991-01-17  
[30] US (07/800,561) 1991-12-06

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[11] **2,101,344**  
[13] C

[51] **Int.Cl. 6H03H 7/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ADJUSTING THE IMPEDANCE OF A MICROSTRIP TRANSMISSION LINE**  
[54] **METHODE ET APPAREIL POUR REGLER L'IMPEDANCE D'UNE LIGNE DE TRANSMISSION A MICRORUBAN**  
[72] Mortensen, Duane L., US  
[73] ALCATEL NETWORK SYSTEMS, INC., US  
[22] 1993-07-27  
[30] US (7-996,099) 1992-12-23

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[11] \* **2,102,089**  
[13] C

[51] **Int.Cl. 6G06F 9/44**  
[25] EN  
[54] **RECOMPILATION OF COMPUTER PROGRAMS FOR ENHANCED OPTIMIZATION**  
[54] **RECOMPILATION DE PROGRAMMES INFORMATIQUES POUR AMELIORER L'OPTIMISATION**  
[72] Gillies, David M., CA  
[73] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA  
[22] 1993-10-29

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[13] C

[51] **Int.Cl. 6B29D 30/06 6B60C 25/00 6G01M 1/30**  
[25] EN  
[54] **TIRE UNIFORMITY CORRECTION WITHOUT GRINDING**  
[54] **CORRECTION DE L'UNIFORMITE D'UN PNEU SANS MEULAGE**  
[72] Rhyne, Timothy Brett, US  
[73] Michelin Recherche et Technique S.A., CH  
[85] 1993-11-05  
[86] 1993-03-26 (PCT/EP93/00745)  
[87] (WO93/19929) [30] US (07/863,256) 1992-04-03

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[11] \* **2,102,878**  
[13] C

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **MESSAGE PACKET TRANSMITTER**  
[54] **EMETTEUR DE MESSAGES DECOUPES EN PAQUETS**  
[72] Giampapa, Mark E., US  
[72] Joseph, Douglas J., US  
[72] Fitch, Blake G., US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1993-11-10  
[30] US (08/025,019) 1993-03-02

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[11] **2,104,437**  
[13] C

[51] **Int.Cl. 6B01D 24/10 6B01D 24/46**  
[25] EN  
[54] **METHOD FOR PURIFYING AQUEOUS PHASES IN HYDROMETALLURGICAL EXTRACTIONS**  
[54] **METHODE DE PURIFICATION DE PHASES AQUEUSES DANS DES PROCEDES D'EXTRACTION HYDROMETALLURGIQUES**  
[72] Gasparini Noziglia, Renzo Alberto, CL  
[72] Bannach Sichtermann, Gustavo Holger, CL  
[72] Cruz Rivera, Alberto Segundo, CL  
[72] Pincheira Alvarez, Aliro Teodoro Nelson, CL  
[72] Reghezza Insunza, Andres Antonio, CL  
[72] Slanzi Guerra, Gino Salvador, CL  
[72] Vergara Chavez, Jorge Adolfo, CL  
[72] Lorca Soto, Tomas Segundo, CL  
[72] Cerda Varela, Gonzalo Renato, CL  
[72] Hidalgo Cortes, Luis Fernando, CL  
[72] Moyano Cossio, Elio Felix, CL  
[72] Vera Baeza, Gabriel Enrique, CL  
[73] CORPORACION NACIONAL DEL COBRE DE CHILE, CL  
[22] 1993-08-19  
[30] CL (921/92) 1992-08-27

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[11] **2,108,490**  
[13] C

[51] **Int.Cl. 6C09K 3/14 6B24D 3/14 6C04B 35/653**  
[25] EN  
[54] **ABRASIVE MATERIAL BASED ON ZIRCONIUM CORUNDUM, A PROCESS FOR ITS PRODUCTION AND ITS USE**  
[54] **MATERIAU ABRASIF A BASE DE CORINDON ET DE ZIRCONIUM, PROCEDE DE FABRICATION ET APPLICATIONS**  
[72] Möltgen, Paul, DE  
[72] Gallmann, Wolfgang, DE  
[73] Korund Laufenburg GmbH, DE  
[22] 1993-10-15  
[30] DE (P 43 06 966.5) 1993-03-05  
[30] DE (P 42 35 134.0) 1992-10-19

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[13] C

[51] **Int.Cl. 6B01J 23/24 6B01J 23/38 6C10G 45/60 6B01J 23/70**  
[25] EN  
[54] **HIGH POROSITY, HIGH SURFACE AREA ISOMERIZATION CATALYST AND ITS USE**  
[54] **CATALYSEUR D'ISOMERISATION A GRANDE SURFACE, A FORTE POROSITE, ET UTILISATION CONNEXE**  
[72] Cody, Ian Alfred, CA  
[72] Dumfries, David Harold, CA  
[72] Neal, Arthur Homer, US  
[72] Riley, Kenneth Lloyd, US  
[73] Imperial Oil, CA  
[85] 1993-10-25  
[86] 1992-05-05 (PCT/US92/03691)  
[87] (WO92/20759) [30] US (699,101) 1991-05-10

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[11] **2,110,457**  
[13] C

[51] **Int.Cl. 6B60K 41/02**  
[25] EN  
[54] **CLUTCH MODE CONTROL LOGIC MODE POUR EMBRAYAGE**  
[54] **LOGIQUE DE COMMANDE DE MODE POUR EMBRAYAGE**  
[72] Slicker, James M., US  
[72] Mazur, Joseph S., US  
[72] Breen, Michael T., US  
[73] Eaton Corporation, US  
[22] 1993-12-01  
[30] US (987,772) 1992-12-09

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[11] **2,110,546**  
[13] C

[51] **Int.Cl. 6B65D 88/12 6B62D 33/04 6B61D 3/20 6B60P 3/42**  
[25] EN  
[54] **LIGHTWEIGHT CHASSIS-CONTAINER CONSTRUCTION**  
[54] **CONTENEUR A CADRE PORTEUR LEGER**  
[72] Thomas, Michael Irvin, US  
[72] Fetz, Charles Robert, US  
[72] McCormack, Daniel Joseph, US  
[73] Great Dane Trailers, Inc., US  
[22] 1993-12-02  
[30] US (08/055,150) 1993-04-29

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[11] **2,110,841**  
[13] C

[51] **Int.Cl. 6H01L 35/10**  
[25] EN  
[54] **UNIFORM TEMPERATURE REFERENCE APPARATUS FOR USE WITH MODULAR SCREW-TERMINAL BLOCK**  
[54] **APPAREIL DE REFERENCE A TEMPERATURE CONSTANTE, DESTINE A ETRE UTILISE AVEC UN BLOC DE RACCORDEMENT A BORNES VISIBLES**  
[72] Goldschmidt, Robert E., US  
[73] Kaye Instruments, Inc., US  
[22] 1993-12-07  
[30] US (997,838) 1992-12-29

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[11] **2,111,174**  
[13] C

[51] **Int.Cl. 6F28F 27/00**  
[25] EN  
[54] **COOLANT RECOVERY SYSTEM**  
[54] **SYSTEME DE RECUPERATION DE FLUIDE DE REFROIDISSEMENT**  
[72] Schulte, Thomas Robert, US  
[73] PRAXAIR TECHNOLOGY, INC., US  
[22] 1993-12-10  
[30] US (07/989,392) 1992-12-11

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[11] **2,111,178**  
[13] C

[51] **Int.Cl. 6A23J 1/20 6A23C 9/00 6A23L 1/48**  
[25] EN  
[54] **FOOD COMPOSITION**  
[54] **COMPOSITION ALIMENTAIRE**  
[72] Berrocal, Rafael, CH  
[72] Guggenheim, Bernhard, CH  
[72] Neeser, Jean-Richard, CH  
[73] SOCIETE DES PRODUITS NESTLE S.A., CH  
[22] 1993-12-10  
[30] CH (3971/92-7) 1992-12-28

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[11] **2,111,669**  
[13] C

[51] **Int.Cl. 6A23C 9/18 6A21D 13/00 6A23G 3/00**  
[25] EN  
[54] **CREAM**  
[54] **CREME**  
[72] Chablaix, René Eugène, CH  
[72] Gaugaz, Marlène, CH  
[73] SOCIETE DES PRODUITS NESTLE S.A., CH  
[22] 1993-12-16  
[30] EP (93100249.7) 1993-01-09

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[11] **2,111,827**  
[13] C

[51] **Int.Cl. 6A23L 1/168 6A23P 1/12**  
[25] EN  
[54] **CEREAL PRODUCT**  
[54] **PRODUIT A BASE DE CEREALES**  
[72] Huet, Jean Noël, FR  
[73] SOCIETE DES PRODUITS NESTLE S.A., CH  
[22] 1993-12-17  
[30] EP (93100250.5) 1993-01-09

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[11] **2,112,326**  
[13] C

[51] **Int.Cl. 6C03C 25/02 6B32B 17/02 6C03B 23/20**  
[25] EN  
[54] **FIBER PRODUCT AND METHOD AND APPARATUS FOR PRODUCTION THEREOF**  
[54] **PRODUIT EN FIBRES, ET METHODE ET APPAREIL DE PRODUCTION CONNEXE**  
[72] Helbing, Clarence H., US  
[73] Knauf Fiber Glass GmbH, US  
[22] 1993-12-23  
[30] US (07/998,126) 1992-12-29

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[11] **2,112,793**  
[13] C

[51] **Int.Cl. 6A01K 61/02**  
[25] EN  
[54] **SOUND CONDITIONING IN FISH**  
[54] **CONDITIONNEMENT SONORE DU POISSON**  
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[72] Kowalewski, Janusz J., CA  
[72] McLeod, Edward A., CA  
[72] Sakuta, Alexander, CA  
[72] Colbert, Micheal B., CA  
[73] Ontario Hydro, CA  
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[30] US (08/045,946) 1993-04-15

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[11] 2,112,901  
[13] C

[51] Int.Cl. 6H01J 49/04  
[25] EN  
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[54] APPAREIL D'INTRODUCTION D'ECHANTILLONS ET MODULES D'ECHANTILLONS POUR SPECTROMETRE DE MASSE  
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[72] Wise, Marcus B., US  
[73] LOCKHEED MARTIN ENERGY SYSTEMS, INC., US  
[85] 1994-01-05  
[86] 1992-08-27 (PCT/US92/07251)  
[87] (WO93/21654) [30] US (865,164) 1992-04-08

[11] 2,114,020  
[13] C

[51] Int.Cl. 6H01J 37/28  
[25] EN  
[54] COLOR SYNTHESIZING SCANNING ELECTRON MICROSCOPE  
[54] MICROSCOPE ELECTRONIQUE A BALAYAGE A SYNTHESE DE COULEURS  
[72] Scharf, David, US  
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[85] 1994-01-21  
[86] 1992-07-22 (PCT/US92/06103)  
[87] (WO93/03491) [30] US (737,942) 1991-07-29

[11] 2,114,821  
[13] C

[51] Int.Cl. 6G01V 1/00 6G01V 1/20 6G01V 1/24  
[25] EN  
[54] IMPROVED ARRANGEMENT OF SOURCE AND RECEIVER LINES FOR THREE DIMENSIONAL SEISMIC DATA ACQUISITION  
[54] AGENCEMENT DE LIGNES SOURCE ET DE LIGNES RECEPTEUR POUR ACQUISITION DE DONNEES SISMIQUES TRIDIMENSIONNELLES AMELIORE  
[72] Cordsen, Andreas, CA  
[73] GEOPHYSICAL EXPLORATION DEVELOPMENT CORPORATION, CA  
[22] 1994-02-01  
[30] US (08/134,173) 1993-08-10

[11] 2,114,862  
[13] C

[51] Int.Cl. 6C08B 37/10  
[25] EN  
[54] PROCESS FOR THE SYNTHESIS OF SEMI-SYNTHETIC GLYCOSAMINOGLYCANS WITH HEPARIN OR HEPARAN STRUCTURE MODIFIED IN POSITION 2 OF THE .ALPHA.-L-IDURONIC-2-0-SULFATE ACID  
[54] PROCEDE DE SYNTHESE DE GLYCOSAMINOGLYCANES SEMI-SYNTHETIQUES AVEC L'ACIDE .ALPHA.-L-INURONIQUE-2-0-SULFATE A STRUCTURE D'HEPARINE OU D'HEPARANE MODIFIEE EN POSITION 2  
[72] Ungarelli, Fabrizio, IT  
[72] Piani, Silvano, IT  
[73] Alfa Wassermann S.p.A., IT  
[22] 1994-02-03  
[30] IT (BO93 A 000125) 1993-03-29

[11] 2,115,455  
[13] C

[51] Int.Cl. 6E04C 2/24 6B32B 31/12  
[25] EN  
[54] PROCESS PRINTED SURFACE COVERING AND METHOD FOR ITS MANUFACTURE  
[54] COUVRE-PLANCHER A MOTIFS ET A RELIEF ET METHODE DE FABRICATION CORRESPONDANTE  
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[72] Dickson, Martin J., US  
[73] AMERICAN BILTRITE INTELLECTUAL PROPERTIES, INC., US  
[85] 1994-02-11  
[86] 1992-08-12 (PCT/US92/06785)  
[87] (WO93/03917) [30] US (743,548) 1991-08-12

[11] 2,116,369  
[13] C

[51] Int.Cl. 6C10M 169/06 6C10M 125/10 6C10M 135/10 6C10M 129/38 6C10M 129/44  
[25] EN  
[54] IMPROVED SULFONATE GREASES  
[54] GRAISSES A BASE DE SULFONATE AMELIOREES  
[72] Olson, William D., CA  
[72] Muir, Ronald J., CA  
[72] Eliades, Theo I., CA  
[72] Steib, Thomas, US  
[73] Witco Corporation, US  
[22] 1994-02-24  
[30] US (025,598) 1993-03-03

[11] 2,116,501  
[13] C

[51] Int.Cl. 6C07C 57/03 6C07C 55/02 6C07C 51/14  
[25] FR  
[54] PROCEDE DE CARBONYLATION DES BUTENOLS ALLYLIQUES ET DE LEURS ESTERS  
[54] PROCESS FOR THE CARBONYLATION OF ALLYL BUTENOLS AND THEIR ESTERS  
[72] Denis, Philippe, FR  
[72] Metz, François, FR  
[72] Patois, Carl, FR  
[72] Perron, Robert, FR  
[73] RHONE-POULENC CHIMIE, FR  
[22] 1994-02-25  
[30] FR (93 02 482) 1993-02-26

[11] 2,116,502  
[13] C

[51] Int.Cl. 6C07C 55/02 6C07C 51/12  
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[54] PROCEDE D'HYDROXYCARBONYLATION DE LACTONES  
[54] PROCESS FOR THE HYDROXY-CARBONYLATION OF LACTONES  
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[72] Perron, Robert, FR  
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[11] 2,117,531  
[13] C

[51] Int.Cl. 6B60N 2/20 6B60N 2/22  
[25] EN  
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[72] Rees, Richard William Arthur, US  
[73] LEAR CORPORATION, US  
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[51] **Int.Cl. 6G11C 7/00 6G11B 20/18**  
[25] EN  
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[54] **METHODE ET APPAREIL D'ENREGISTREMENT D'INFORMATIONS**  
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[72] Kawade, Hisaaki, JP  
[72] Kishi, Etsuro, JP  
[72] Takimoto, Kiyoshi, JP  
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[22] 1994-03-09  
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[11] **2,119,183**  
[13] C

[51] **Int.Cl. 6A61K 7/043 6A61K 7/021**  
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[54] **COMPOSITION COSMETIQUE COLOREE**  
[54] **COLORED COSMETIC COMPOSITION**  
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[72] Arraudeau, Jean-Pierre, FR  
[73] L'ORÉAL, FR  
[22] 1994-03-16  
[30] FR (93/04061) 1993-04-06

[11] **2,120,062**  
[13] C

[51] **Int.Cl. 6A61K 31/725**  
[25] EN  
[54] **USE OF SULODEXIDE AND OF MEDICINES CONTAINING IT IN THE TREATMENT OF DIABETIC NEPHROPATHY**  
[54] **UTILISATION DE SULODEXIDE ET DE MEDICAMENTS EN CONTENANT DANS LE TRAITEMENT DE LA NEPHROPATHIE DIABETIQUE**  
[72] Marchi, Egidio, IT  
[72] Tamagnone, Gianfranco, IT  
[73] Alfa Wassermann S.p.A., IT  
[22] 1994-03-28  
[30] IT (BO93A 000205) 1993-05-10

[11] **2,120,474**  
[13] C

[51] **Int.Cl. 6G03D 13/08**  
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[54] **ARRANGEMENT FOR COUPLING FILMS TO LEADER**  
[54] **DISPOSITIF POUR FIXER UNE AMORCE A UNE PELLICULE**  
[72] Yamaguchi, Takuji, JP  
[72] Kinoshita, Tohgo, JP  
[72] Shimamura, Yasunobu, JP  
[72] Yamazoe, Yuji, JP  
[72] Fukushima, Shinji, JP  
[72] Kojima, Masayuki, JP  
[73] Noritsu Koki Co., Ltd., JP  
[22] 1994-03-29  
[30] JP (5-73159) 1993-03-31  
[30] JP (5-85039) 1993-04-13  
[30] JP (5-120110) 1993-05-21  
[30] JP (5-133193) 1993-06-03  
[30] JP (5-134593) 1993-06-04

[11] **2,120,685**  
[13] C

[51] **Int.Cl. 6H02G 3/22**  
[25] EN  
[54] **BUSHING FOR MULTIPLE SIZED AND SHAPED HOLES IN STRUCTURAL MEMBERS**  
[54] **MANCHON POUR ORIFICES DE FORMES ET DE DIAMETRES DIVERS PRATIQUES DANS DES ELEMENTS DE CHARPENTE**  
[72] Gretz, Thomas J., US  
[72] Stark, Thomas S., US  
[73] Arlington Industries, Inc., US  
[22] 1994-04-06  
[30] US (08/135,805) 1993-10-13

[11] **2,121,131**  
[13] C

[51] **Int.Cl. 6F04C 2/107**  
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[54] **MACHINE VOLUMETRIQUE ROTATIVE**  
[54] **ROTARY MACHINE**  
[72] Leroy, André, BE  
[72] Flamme, Jean-Marie, FR  
[73] Leroy, André, BE  
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[85] 1994-04-12  
[86] 1992-10-15 (PCT/FR92/01010)  
[87] (WO93/08402) [30] FR (91/13530) 1991-10-23

[11] **2,121,776**  
[13] C

[51] **Int.Cl. 6G02F 1/135 6G03G 15/00 6G02F 1/133 6G09F 9/35**  
[25] EN  
[54] **LIQUID CRYSTAL DEVICE WITH A LIQUID CRYSTAL IN AN OPTICAL MODULATION REGION HAVING A PRETILT ANGLE SMALLER THAN THE LIQUID CRYSTAL IN A PERIPHERAL REGION SURROUNDING THE OPTICAL MODULATION REGION**  
[54] **DISPOSITIF A CRISTAUX LIQUIDES DANS LEQUEL LES CRISTAUX LIQUIDES D'UNE REGION DE MODULATION OPTIQUE ONT UN ANGLE DE PREINCLINAISON INFERIEUR A CELUI DES CRISTAUX LIQUIDES DE LA REGION ENTOURANT CETTE REGION DE MODULATION**  
[72] Kodera, Yasuto, JP  
[72] Hotta, Yoshio, JP  
[72] Hanyu, Yukio, JP  
[72] Mihara, Tadashi, JP  
[72] Mori, Sunao, JP  
[73] Canon Kabushiki Kaisha, JP  
[22] 1994-04-20  
[30] JP (102754/1993(Pat.)) 1993-04-28

[11] **2,121,839**  
[13] C

[51] **Int.Cl. 6G06F 19/00 6G06F 17/60**  
[25] EN  
[54] **ON-LINE COMBUSTIONLESS MEASUREMENT OF GASEOUS FUELS FED TO GAS CONSUMPTION DEVICES**  
[54] **MESURE EN CIRCUIT ET SANS COMBUSTION DE COMBUSTIBLES GAZEUX ACHEMINES A DES DISPOSITIFS DE CONSOMMATION DE GAZ**  
[72] Bonne, Ulrich, US  
[73] HONEYWELL INC., US  
[85] 1994-04-21  
[86] 1992-10-22 (PCT/US92/09150)  
[87] (WO93/08457) [30] US (781,598) 1991-10-23

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[13] C

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[25] EN  
[54] **FOUR-STROKE INTERNAL COMBUSTION ENGINE**  
[54] **MOTEUR A COMBUSTION INTERNE A QUATRE TEMPS**  
[72] Todero, Giuseppe P. I., US  
[72] Harms, Rodney L., US  
[73] McCulloch Corporation, US  
[22] 1994-04-28  
[30] US (08/082,677) 1993-06-25  
[30] US (08/219,164) 1994-04-01

[11] **2,122,998**  
[13] C

[51] **Int.Cl. 6B08B 17/04 6C09D 133/00**  
[25] EN  
[54] **METHOD OF PREVENTING GREASE BUILDUP IN DUCTWORK**  
[54] **METHODE POUR PREVENIR L'ACCUMULATION DE GRAS DANS UNE CONDUITE D'EVACUATION**  
[72] Bober, Andrew Martin, US  
[72] Kawa, John, US  
[73] S. C. JOHNSON & SON, INC., US  
[85] 1994-05-05  
[86] 1992-11-05 (PCT/US92/09577)  
[87] (WO93/10004) [30] US (07/790,959) 1991-11-12

[11] \* **2,123,035**  
[13] C

[51] **Int.Cl. 6A61F 2/78 6A61F 2/52**  
[25] EN  
[54] **REPAIR KIT FOR EXTERNALLY WORN SILICONE BREAST PROTHESIS**  
[54] **TROUSSE DE REPARATION DE PROTHESES MAMMAIRES EXTERNES AU SILICONE**  
[72] Flanders, Nancy L., US  
[73] Flanders, Nancy L., US  
[22] 1994-05-06

[11] \* **2,123,769**  
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[54] **SUPPORT POUVANT ETRE UTILISE COMME JARDINIERE**  
[72] Ranzan, Conrad, CA  
[73] Ranzan, Conrad, CA  
[22] 1994-05-17

[11] **2,124,522**  
[13] C

[51] **Int.Cl. 6C07C 43/32 6C07C 257/06 6C07C 43/305 6C07C 41/56 6C07C 41/60**  
[25] EN  
[54] **A METHOD OF PREPARING ORTHO ESTERS**  
[54] **METHODE DE PREPARATION D'ORTHO-ESTERS**  
[72] Colvin, David, US  
[72] John, Thomas V., US  
[72] Bitler, George W., US  
[72] Subramaniam, Chitoor S., US  
[73] CREANOVA INC., US  
[22] 1994-05-27  
[30] US (08/070,563) 1993-06-01

[11] **2,124,870**  
[13] C

[51] **Int.Cl. 6F16H 13/00 6F16H 15/00**  
[25] EN  
[54] **MECHANICALLY OPERATED PORTABLE AUTOMATIC CENTRIFUGAL TRANSMISSION**  
[54] **TRANSMISSION PORTATIVE A COMMANDE MECANIQUE**  
[72] Lessi, Frank, CA  
[73] Lessi, Frank, CA  
[22] 1994-06-01

[11] **2,124,886**  
[13] C

[51] **Int.Cl. 6G03D 13/00**  
[25] EN  
[54] **AUTOMATIC FILM REWINDER**  
[54] **ENROULEUR DE FILM AUTOMATIQUE**  
[72] Yamaguchi, Takuji, JP  
[73] Noritsu Koki Co., Ltd., JP  
[22] 1994-06-01  
[30] JP (5-135988) 1993-06-07

[11] **2,125,108**  
[13] C

[51] **Int.Cl. 6G05B 7/02 6G05D 9/12**  
[25] EN  
[54] **CONTROL METHOD FOR A MULTI-COMPONENT SLURRYING PROCESS**  
[54] **METHODE DE REGULATION POUR UN PROCEDE DE PREPARATION DE BOUILLIE**  
[72] Handke, Wayne A., US  
[72] Crain, Stephen F., US  
[72] Stegemoeller, Calvin L., US  
[72] Rivera, Vincent P., US  
[72] Neal, Charles E., US  
[72] Padgett, Paul O., US  
[73] HALLIBURTON COMPANY, US  
[22] 1994-06-03  
[30] US (08/073,904) 1993-06-04

[11] **2,125,350**  
[13] C

[51] **Int.Cl. 6A61M 1/38 6A61M 39/00**  
[25] EN  
[54] **APPARATUS FOR MANUFACTURE OF BLOOD PRODUCTS AND METHOD FOR MANUFACTURE OF BLOOD PRODUCTS**  
[54] **DISPOSITIF ET METHODE DE FABRICATION DE PRODUITS SANGUINS**  
[72] Watanabe, Takahiko, JP  
[72] Tanokura, Nobukazu, JP  
[72] Hosono, Norio, JP  
[72] Ishida, Noboru, JP  
[73] Terumo Kabushiki Kaisha, JP  
[22] 1994-06-07  
[30] JP (5-164048) 1993-06-07  
[30] JP (5-235564) 1993-08-27  
[30] JP (5-341542) 1993-12-09

[11] **2,126,493**  
[13] C

[51] **Int.Cl. 6B66B 7/00**  
[25] EN  
[54] **ELEVATOR DRIVE HAVING A TRACTION SHEAVE INTEGRATED WITH, AND SMALLER THAN THE ROTOR**  
[54]   
[72] Aulanko, Esko, FI  
[72] Hakala, Harri, FI  
[73] Kone Oy, FI  
[22] 1994-06-22  
[30] FI (FI 935908) 1993-12-28  
[30] FI (FI 932976) 1993-06-28

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[13] C

[51] **Int.Cl. 6A61K 31/485 6A61K 9/22 6A61K 9/56**  
[25] EN  
[54] **OPIOD FORMULATIONS HAVING EXTENDED CONTROLLED RELEASE FORMULATIONS D'OPIOIDES A LIBERATION PROLONGEE**  
[72] Sackler, Richard, US  
[72] Goldenheim, Paul, US  
[72] Oshlack, Benjamin, US  
[72] Kaiko, Robert, US  
[72] Chasin, Mark, US  
[72] Pedi, Frank, US  
[73] Euroceltique, S.A., LU  
[22] 1994-06-23  
[30] US (086,248) 1993-07-01

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[11] **2,126,926**  
[13] C

[51] **Int.Cl. 6H04M 11/06 6G06F 13/00**  
[25] EN  
[54] **MODEM WITH FIRMWARE UPGRADE FEATURE**  
[54] **MODEM A FONCTION DE REPROGRAMMATION DE MICROLOGICIEL**  
[72] Johnson, Greg, US  
[72] Johnson, Richard David, US  
[72] Weinzierl, David A., US  
[73] MULTI-TECH SYSTEMS, INC., US  
[22] 1994-06-28  
[30] US (08/087,164) 1993-07-02

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[13] C

[51] **Int.Cl. 6A61K 35/78 6A61K 35/14 6A23K 1/16 6A23K 1/18 6A61K 35/36**  
[25] EN  
[54] **METHOD OF IMPROVING EFFICIENCY IN RUMINANTS**  
[54] **METHODE D'AMELIORATION DE L'EFFICACITE CHEZ LES RUMINANTS**  
[72] Peterson, Mark K., US  
[73] New Mexico State University Technology Transfer Corporation, US  
[22] 1994-06-30  
[30] US (08/087,493) 1993-07-06

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[13] C

[51] **Int.Cl. 6A61B 17/36 6G02B 5/02 6A61N 5/06**  
[25] EN  
[54] **CYLINDRICAL DIFFUSION TIPS FOR OPTICAL FIBERS AND METHOD FOR MAKING**  
[54] **EXTREMITES DE DIFFUSION CYLINDRIQUES POUR FIBRES OPTIQUES ET LEUR METHODE DE FABRICATION**  
[72] Doiron, Daniel R., US  
[72] Narciso, Hugh L., Jr., US  
[72] Paspas, Paul, US  
[73] PDT SYSTEMS, INC., US  
[85] 1994-07-04  
[86] 1992-06-12 (PCT/US92/05013)  
[87] (WO93/25155)

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[11] **2,128,569**  
[13] C

[51] **Int.Cl. 6A63B 53/00**  
[25] EN  
[54] **GOLF CLUB HEAD WITH AUDIBLE VIBRATION ATTENUATION**  
[54] **TETE DE BATON DE GOLF DOTEE D'UN ATTENUATEUR DE VIBRATIONS AUDIBLES**  
[72] Schmidt, Glenn H., US  
[72] Helmstetter, Richard C., US  
[73] Callaway Golf Company, US  
[22] 1994-07-21  
[30] US (08/119,622) 1993-09-13

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[11] **2,129,318**  
[13] C

[51] **Int.Cl. 6A41D 31/00 6A41D 27/00**  
[25] EN  
[54] **COLD WEATHER CLOTHING WITH DURABLE INSULATION**  
[54] **VETEMENTS POUR TEMPS FROID ET METHODE D'ISOLATION DE CEUX-CI**  
[72] Hayes, Christopher J., US  
[73] Specialty Sports Limited, US  
[22] 1994-08-02  
[30] US (08/240,829) 1994-05-11

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[13] C

[51] **Int.Cl. 6F24C 7/08 6F24C 7/06**  
[25] EN  
[54] **P.T.C. RESISTOR SENSOR CIRCUIT**  
[54] **CIRCUIT DE DETECTION POUR RESISTANCE A COEFFICIENT DE TEMPERATURE POSITIF**  
[72] Stoops, John C., US  
[72] Markum, Randall, US  
[72] Holmes, William W., US  
[73] Emerson Electric Co., US  
[22] 1994-08-10  
[30] US (110,696) 1993-08-23

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[11] **2,130,130**  
[13] C

[51] **Int.Cl. 6B01D 53/50**  
[25] EN  
[54] **METHOD OF REAGENT AND OXIDATION AIR DELIVERY**  
[54] **METHODE D'ALIMENTATION EN REACTIF ET EN AIR D'OXYDATION**  
[72] Rogers, Kevin John, US  
[72] Johnson, Dennis Wayne, US  
[73] Babcock & Wilcox Company (The), US  
[22] 1994-08-15  
[30] US (107,387) 1993-08-16

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[11] **2,131,100**  
[13] C

[51] **Int.Cl. 6G11C 11/22 6H01L 27/10 6H01L 21/70**  
[25] EN  
[54] **CRYSTALLOGRAPHICALLY ALIGNED FERROELECTRIC FILMS USABLE IN MEMORIES AND METHOD OF CRYSTALLOGRAPHICALLY ALIGNING PEROVSKITE FILMS**  
[54] **FILMS FERROELECTRIQUES A ALIGNEMENT CRISTALLOGRAPHIQUE UTILISABLES DANS LES MEMOIRES ET METHODE POUR EFFECTUER L'ALIGNEMENT CRISTALLOGRAPHIQUE DES FILMS DE PEROVSKITE**  
[72] Inam, Arun, US  
[72] Ramesh, Ramamoorthy, US  
[73] Bell Communications Research, Inc.,  
[85] 1994-08-29  
[86] 1993-02-23 (PCT/US93/01582)  
[87] (WO93/18531) [30] US (846,358) 1992-03-05

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[13] C

[51] **Int.Cl. 6H01L 21/027**  
[25] EN  
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[54] **RETICULE A MULTIPLICITE DE SOUS-CHAMPS**  
[72] Davis, Donald E., US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1994-09-08  
[30] US (173,315) 1993-12-23

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[13] C

[51] **Int.Cl. 6A43B 13/40**  
[25] EN  
[54] **SHOE INSOLE**  
[54] **SEMELLE**  
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[72] Lee, Charles, KR  
[73] Libertyville Saddle Shop, Inc., US  
[22] 1994-09-12  
[30] US (216,715) 1994-03-23

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[11] **2,132,392**  
[13] C

[51] **Int.Cl. 6H02J 1/02 6G01R 31/00**  
[25] EN  
[54] **MONITORING AND CONTROL OF A COMPONENT CONNECTED TO AN ELECTRIC POWER NETWORK**  
[54] **SURVEILLANCE ET COMMANDE D'UN ELEMENT CONNECTE A UN RESEAU D'ALIMENTATION ELECTRIQUE**  
[72] Nyberg, Krister, SE  
[72] Aström, Urban, SE  
[73] ASEA BROWN BOVERI AB, SE  
[22] 1994-09-19  
[30] SE (9303050-0) 1993-09-20

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[11] **2,133,380**  
[13] C

[51] **Int.Cl. 6D06F 17/08**  
[25] EN  
[54] **DRIVE SYSTEM FOR AUTOMATIC WASHING MACHINE**  
[54] **MECANISME D'ENTRAINEMENT POUR LAVEUSE AUTOMATIQUE**  
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[73] Maytag Corporation, US  
[22] 1994-09-30  
[30] US (08/159/259) 1993-11-30

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[11] **2,134,070**  
[13] C

[51] **Int.Cl. 6G01N 31/16 6G01N 35/00**  
[25] EN  
[54] **METHOD FOR MONITORING AND CONTROLLING METALWORKING FLUID**  
[54] **METHODE SERVANT A SURVEILLER ET A CONTROLER UN FLUIDE A TRAVAILLER LES METAUX**  
[72] Becket, Giles J. P., US  
[73] Cincinnati Milacron Inc., US  
[85] 1994-10-21  
[86] 1993-06-01 (PCT/US93/05204)  
[87] (WO93/24831) [30] US (891,118) 1992-06-01

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[11] **2,134,273**  
[13] C

[51] **Int.Cl. 6E21B 19/22 6E21B 43/00 6E21B 33/068 6E21B 29/10**  
[25] EN  
[54] **SPOOLABLE COILED TUBING COMPLETION SYSTEM**  
[54] **SYSTEME DE COMPLETION A TUBE SPIRALE, ENROULABLE**  
[72] Moore, Brian Keith, US  
[72] Pringle, Ronald Earl, US  
[73] Camco International Inc., US  
[22] 1994-10-25  
[30] US (146,344) 1993-11-01

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[11] **2,135,062**  
[13] C

[51] **Int.Cl. 6A61K 9/20 6A61K 47/42**  
[25] EN  
[54] **PHARMACEUTICAL AND OTHER DOSAGE FORMS**  
[54] **DOSAGES PHARMACEUTIQUES ET D'AUTRES TYPES**  
[72] Gole, Dilip J., US  
[72] Wilkinson, Paul K., US  
[72] Davies, J. Desmond, US  
[72] Levinson, R. Saul, US  
[73] Janssen Pharmaceutica, Inc., US  
[85] 1994-11-03  
[86] 1993-05-03 (PCT/US93/04201)  
[87] (WO93/23017) [30] US (07/879,754) 1992-05-06

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[11] **2,138,141**  
[13] C

[51] **Int.Cl. 6B31B 1/52**  
[25] EN  
[54] **CARTON BLANK SUPPORT TOOL FOR A FOLDER GLUER MACHINE**  
[54] **OUTIL SERVANT D'APPUI AUX DECOUPES A PLAT DANS UNE PLIEUSE-ENCOLLEUSE**  
[72] Jambor, George, US  
[73] Oetlinger Tool Engineering Co. Inc., US  
[85] 1994-12-14  
[86] 1993-06-08 (PCT/US93/05420)  
[87] (WO93/25462) [30] US (899,737) 1992-06-17

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[11] \* **2,138,302**  
[13] C

[51] **Int.Cl. 6G06F 15/16**  
[25] EN  
[54] **PROVISION OF SECURE ACCESS TO EXTERNAL RESOURCES FROM A DISTRIBUTED COMPUTING ENVIRONMENT**  
[54] **ETABLISSEMENT D'UN ACCES SUR A DES RESSOURCES EXTERNES A PARTIR D'UN ENVIRONNEMENT INFORMATIQUE REPARTI**  
[72] Fortinsky, Michael S., IL  
[73] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA  
[22] 1994-12-15

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[11] **2,138,977**  
[13] C

[51] **Int.Cl. 6A61K 7/00**  
[25] EN  
[54] **COSMETIC CONTAINING PHOSPHOLIPIDS AND FLUOROCARBON COMPOUNDS**  
[54] **PRODUITS COSMETIQUES CONTENANT DES PHOSPHOLIPIDES ET DES COMPOSES DE TYPE FLUOROCARBONE**  
[72] Stanzl, Klaus, US  
[72] Gross, Udo, DE  
[72] Röding, Joachim, DE  
[72] Zastrow, Leonhard, MC  
[73] Lancaster Group AG, DE  
[85] 1994-12-22  
[86] 1993-06-24 (PCT/DE93/00575)  
[87] (WO94/00098) [30] DE (P 42 21 255.3) 1992-06-26

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[11] **2,139,622**  
[13] C

[51] **Int.Cl. 6E04G 21/14 6B60P 3/022 6E04B 1/343**  
[25] EN  
[54] **A SYSTEM FOR USE IN FABRICATING, TRANSPORTING AND PLACING A PREFABRICATED BUILDING UNIT AT ITS PLACEMENT SITE**  
[54] **SYSTEME UTILISE POUR CONSTRUIRE ET TRANSPORTER UN BATIMENT PREFABRIQUE ET L'INSTALLER A SON EMPLACEMENT**  
[72] Biffis, Lou G., CA  
[72] Biffis, Peter R., CA  
[72] Biffis, Dino R., CA  
[72] Lombardi, Rocco A., CA  
[73] Cable Bridge Enterprises Limited, CA  
[22] 1995-01-05

[11] **2,140,851**  
[13] C

[51] **Int.Cl. 6H04L 1/00 6H03M 13/12**  
[25] EN  
[54] **TRANSMITTING AND RECEIVING APPARATUS AND METHOD INCLUDING PUNCTURED CONVOLUTIONAL ENCODING AND DECODING**  
[54] **APPAREIL ET METHODE DE TRANSMISSION ET DE RECEPTION A CODAGE ET A DECODAGE CONVOLUTIONNELS**  
[72] Tzukerman, Shimon, IL  
[72] Esserman, James Neil, US  
[73] COMSTREAM CORPORATION, US  
[85] 1995-01-23  
[86] 1994-05-24 (PCT/US94/05837)  
[87] (WO94/28656) [30] US (08/065,292) 1993-05-24

[11] **2,142,262**  
[13] C

[51] **Int.Cl. 6D21F 9/00**  
[25] EN  
[54] **A MULTI-PLY WEB FORMING APPARATUS**  
[54] **MACHINE A FORMER DES NAPPES MULTICOUCHES**  
[72] Gray, Paul T., GB  
[72] Ormesher, Eric, GB  
[73] BELOIT TECHNOLOGIES, INC., US  
[85] 1995-02-10  
[86] 1992-08-19 (PCT/GB92/01517)  
[87] (WO94/04749)

[11] **2,142,676**  
[13] C

[51] **Int.Cl. 6B60T 7/06**  
[25] EN  
[54] **BRAKE ARRANGEMENT AND COMPENSATING ROLLER**  
[54] **FREIN AVEC ROULEAU DIFFERENTIEL**  
[72] Karch, Rudi, DE  
[73] Deere & Company, US  
[22] 1995-02-16  
[30] DE (P 44 06 384.9) 1994-02-26

[11] **2,143,654**  
[13] C

[51] **Int.Cl. 6C08G 18/48 6C08J 9/04 6C08G 18/42**  
[25] EN  
[54] **PROCESS FOR PRODUCTION OF LOW DENSITY WATER-BLOWN RIGID FOAMS WITH FLOW AND DIMENSIONAL STABILITY**  
[54] **PROCEDE POUR L'OBTENTION DE MOUSSES RIGIDES FAIBLE DENSITE, SOUFFLEES A L'EAU ET PRESENTANT UN ECOULEMENT ET DES CARACTERISTIQUES DIMENSIONNELLES STABLES**  
[72] Schumacher, Donald W., US  
[72] Magnus, George, US  
[72] Moster, Joanne M., US  
[73] Stepan Company, US  
[85] 1995-02-28  
[86] 1993-08-24 (PCT/US93/07944)  
[87] (WO94/05718) [30] US (937,052) 1992-08-27

[11] **2,144,201**  
[13] C

[51] **Int.Cl. 6G05D 23/19 6A47J 37/12**  
[25] EN  
[54] **ELECTRONIC CONTROL SYSTEM FOR A HEATING APPARATUS**  
[54] **COMMANDE ELECTRONIQUE POUR APPAREIL DE CHAUFFAGE**  
[72] Maher, Charles A., Jr., US  
[72] Larrick, Raymond, US  
[73] TRIDELTA INDUSTRIES, INC., US  
[22] 1995-03-08  
[30] US (08/210,127) 1994-03-17

[11] **2,145,796**  
[13] C

[51] **Int.Cl. 6A47C 3/20**  
[25] EN  
[54] **CHAIR**  
[54] **ARTICLE POUR S'ASSEOIR**  
[72] Yoneda, Yoshifumi, JP  
[73] Aprica Kassai Kabushikikaisha, JP  
[22] 1995-03-29  
[30] JP (6-66100) 1994-04-04

[11] **2,147,030**  
[13] C

[51] **Int.Cl. 6G01B 5/08 6G01B 3/26**  
[25] EN  
[54] **ACTUATOR AND PROGRAMMABLE AMPLIFIER FOR AN EXPANDING PLUG GAGE HEAD**  
[54] **ACTIONNEUR ET AMPLIFICATEUR PROGRAMMABLE POUR TETE DE JAUGEAGE A PLONGEUR**  
[72] Auger, Wilfred R., US  
[72] Lai, Jiening, US  
[72] Marsh, David W., US  
[73] Comtorgage Corporation, US  
[22] 1995-04-13  
[30] US (229,813) 1994-04-19

[11] **2,148,004**  
[13] C

[51] **Int.Cl. 6C11D 3/37 6C11D 3/12 6C11D 1/94**  
[25] EN  
[54] **DETERGENT COMPOSITIONS WITH BUILDER SYSTEM COMPRISING ALUMINOSILICATES AND POLYASPARTATE**  
[54] **COMPOSITIONS DETERGENTES AVEC AGENT RENFORCATEUR CONTENANT DES ALUMINOSILICATES ET DU POLYASPARTATE**  
[72] Morrall, Stephen William, US  
[73] Procter & Gamble Company (The), US  
[85] 1995-04-26  
[86] 1993-10-22 (PCT/US93/10092)  
[87] (WO94/10282) [30] US (966,987) 1992-10-27

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[11] 2,149,020  
[13] C

[51] Int.Cl. 6B44C 1/22 6B29D 11/00  
[25] EN  
[54] PROCESS FOR HYDRATING SOFT CONTACT LENSES  
[54] PROCEDE SERVANT A HYDRATER LES LENTILLES CORNEENNES SOUPLES  
[72] Kindt-Larsen, Ture, DK  
[73] JOHNSON & JOHNSON VISION PRODUCTS INC., US  
[22] 1991-04-15  
[62] 2040520  
[30] US (510,325) 1990-04-17

[11] 2,149,873  
[13] C

[51] Int.Cl. 6G02C 7/04 6B29D 11/00  
[25] EN  
[54] METHOD OF MANUFACTURING TORIC SINGLE VISION, SPHERICAL OR ASPHERIC BIFOCAL, MULTIFOCAL OR PROGRESSIVE CONTACT LENSES  
[54] METHODE DE FABRICATION DE LENTILLES CORNEENNES UNIFOCALLES TORIQUES, BIFOCALLES SPHERIQUES OU ASPHERIQUES, MULTIFOCALLES OU PROGRESSIVES  
[72] Blum, Ronald D., US  
[72] Gupta, Amitava, US  
[73] Innotech, Inc., US  
[85] 1995-05-19  
[86] 1993-11-23 (PCT/US93/11382)  
[87] (WO94/12909) [30] US (980,053) 1992-11-23

[11] 2,150,898  
[13] C

[51] Int.Cl. 6B29C 49/64 6B29C 49/78  
[25] EN  
[54] METHOD AND APPARATUS FOR COOLING EXTRUDED FILM TUBES  
[54] METHODE ET APPAREIL SERVANT A REFROIDIR DES TUBES DE FEUILLES MINCES EXTRUDES  
[72] Joseph, Daniel R., US  
[73] Joseph, Daniel R., US  
[22] 1995-06-02  
[30] US (08/254,401) 1994-06-03

[11] 2,150,996  
[13] C

[51] Int.Cl. 6A61M 5/32  
[25] EN  
[54] NEEDLE ASSEMBLY HAVING SINGLE-HANDEDLY ACTIVATABLE NEEDLE BARRIER  
[54] AIGUILLE PRESENTANT UNE BARRIERE ACTIONNEE A UNE MAIN  
[72] Bressler, Peter, US  
[72] Sweeney, Niall, US  
[72] Hicswa, Daniel, US  
[72] Burns, James A., US  
[73] Becton, Dickinson and Company, US  
[22] 1995-06-05  
[30] US (08/262,806) 1994-06-20

[11] 2,151,165  
[13] C

[51] Int.Cl. 6B23K 35/368  
[25] EN  
[54] BRAZE FILLER METAL ALLOY PASTE  
[54] PATE D'ALLIAGE SERVANT D'APPORT POUR BRASAGE  
[72] Hermanek, Frank John, US  
[73] Praxair S.T. Technology, Inc., US  
[22] 1995-06-07  
[30] US (08/257,244) 1994-06-08

[11] 2,151,195  
[13] C

[51] Int.Cl. 6C22B 19/12 6C21B 3/04  
[25] EN  
[54] METHOD OF MAKING PIG IRON WITH ZINC RECOVERY  
[54] METHODE DE PRODUCTION DE FONTE DE PREMIERE FUSION PERMETTANT UNE RECUPERATION DE ZINC  
[72] Bernard, Johannes Geleijn, NL  
[72] Meijer, Hendrikus Koenraad Albertus, NL  
[72] Teerhuis, Cornelis Pieter, NL  
[73] Hoogovens Staal B.V., NL  
[22] 1995-06-07  
[30] NL (9400936) 1994-06-09

[11] 2,151,742  
[13] C

[51] Int.Cl. 6A61K 9/51 6A61K 38/00 6A61K 38/28 6A61K 47/42 6A61K 47/48  
[25] EN  
[54] COMPOSITIONS FOR ORAL DELIVERY OF ACTIVE AGENTS  
[54] COMPOSITIONS POUR L'ADMINISTRATION D'AGENTS ACTIFS PAR VOIE ORALE  
[72] Amkraut, Alfred A., US  
[72] Yang, Heechung, US  
[73] ALZA Corporation, US  
[85] 1995-06-13  
[86] 1994-02-22 (PCT/US94/01756)  
[87] (WO94/18955) [30] US (08/020,481) 1993-02-22

[11] 2,151,761  
[13] C

[51] Int.Cl. 6F25B 11/02 6F25J 3/02  
[25] EN  
[54] EXPANSION TURBINE FOR CRYOGENIC RECTIFICATION SYSTEM  
[54] TURBODETENDEUR POUR SYSTEME DE RECTIFICATION CRYOGENIQUE  
[72] Nenov, Neno Todorov, US  
[73] Praxair Technology, Inc., US  
[22] 1995-06-14  
[30] US (08/260,272) 1994-06-14

[11] 2,152,683  
[13] C

[51] Int.Cl. 6F27D 1/16  
[25] EN  
[54] METHOD OF LINING A BLAST FURNACE  
[54] METHODE DE REVETEMENT D'UN HAUT-FOURNEAU  
[72] Soofi, Madjid, US  
[72] Irwin, James S., US  
[73] Magneco/Metrel, Inc., US  
[22] 1995-06-27  
[30] US (08/280,488) 1994-07-26  
[30] US (08/280,488) 1994-07-26

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[11] **2,153,433**  
[13] C

[51] **Int.Cl. 6C08L 23/08 6C08J 5/18**  
[25] EN  
[54] **FILM EXTRUDED FROM AN IN SITU BLEND OF ETHYLENE COPOLYMERS**  
[54] **PELLICULE EXTRUDEE A PARTIR D'UN MELANGE IN SITU DE COPOLYMERES D'ETHYLENE**  
[72] Michie, William James Jr., US  
[72] St. Jean, Guylaine, US  
[73] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US  
[22] 1995-07-07  
[30] US (08/272,258) 1994-07-08

[11] **2,153,521**  
[13] C

[51] **Int.Cl. 6B22D 17/02 6B22D 19/14**  
[25] EN  
[54] **DIE-CASTING OF METALS WITH DISPERSION OF SOLID PARTICLES IN RESULTING CASTINGS**  
[54] **METHODE DE COULEE SOUS PRESSION DES METAUX COMPORTANT LA DISPERSION DE PARTICULES SOLIDES DANS LES PIECES MOULEES**  
[72] Dusablon, André, CA  
[72] Berthiaume, Claude, CA  
[73] TECHNOLOGIES INTERMAG INC., CA  
[22] 1995-07-10

[11] **2,153,748**  
[13] C

[51] **Int.Cl. 6B01J 21/04 6C01B 17/04 6B01D 53/48**  
[25] EN  
[54] **ALUMINA-BASED CATALYST FOR THE TREATMENT OF GASES CONTAINING SULPHUR COMPOUNDS, USE OF THESE CATALYSTS FOR THE TREATMENT AND PROCESSES FOR TREATMENT OF THE SAID GASES**  
[54] **CATALYSEURS A BASE D'ALUMINE POUR LE TRAITEMENT DE GAZ RENFERMANT DES COMPOSES SULFURES; UTILISATION DE CES CATALYSEURS POUR LE TRAITEMENT ET METHODE DE TRAITEMENT PROPREMENT DITE**  
[72] Nedez, Christophe, FR  
[72] Legendre, Olivier, FR  
[73] Rhone-Poulenc Chimie, FR  
[22] 1995-07-12  
[30] FR (94 08 745) 1994-07-13

[11] **2,154,257**  
[13] C

[51] **Int.Cl. 6C07D 205/12 6C07D 401/00 6C07D 403/00 6C07D 405/00 6C07D 409/00 6C07D 413/00 6C07D 417/00 6C07D 471/10 6C07D 487/10 6C07F 7/10 6A61K 31/395 6A61K 31/695**  
[25] EN  
[54] **SPIROCYCLOALKYL-SUBSTITUTED AZETIDINONES USEFUL AS HYPOCHOLESTEROLEMIC AGENTS**  
[54] **AZETIDINONES A SUBSTITUANT SPIROCYCLOALKYLE, UTILES COMME AGENTS HYPOCHOLESTEROLEMIQUES**  
[72] Dugar, Sundeep, US  
[72] Clader, John W., US  
[72] Burnett, Duane A., US  
[72] Browne, Margaret E., US  
[72] Davis, Harry R., US  
[73] SCHERING CORPORATION, US  
[85] 1995-07-19  
[86] 1994-01-19 (PCT/US94/00421)  
[87] (WO94/17038) [30] US (08/006,439) 1993-01-21

[11] **2,155,077**  
[13] C

[51] **Int.Cl. 6G01L 5/04**  
[25] EN  
[54] **CABLE TENSION MEASURING DEVICE**  
[54] **DISPOSITIF DE MISE EN TENSION POUR CABLE**  
[72] Burk, Allan G., US  
[72] Stewart, Andrew H., US  
[72] Miller, Mark F., US  
[73] IHS Engineering, Inc., US  
[22] 1995-07-31

[11] **2,155,242**  
[13] C

[51] **Int.Cl. 6B60D 1/46 6A01B 59/042**  
[25] EN  
[54] **TOWING ARRANGEMENT**  
[54] **CONFIGURATION DE REMORQUAGE**  
[72] Zahn, Werner, DE  
[72] Heilmann, Joachim, DE  
[73] Deere & Company, US  
[22] 1995-08-02  
[30] DE (P 44 27 399.1) 1994-08-03  
[30] DE (195 08 839.5) 1995-03-11

[11] **2,155,427**  
[13] C

[51] **Int.Cl. 6C03B 37/02**  
[25] EN  
[54] **APPARATUS FOR PRODUCING GLASS FIBERS**  
[54] **APPAREIL SERVANT A LA PRODUCTION DE FIBRES DE VERRE**  
[72] O'Brien-Bernini, Frank, US  
[72] Hinze, Jay W., US  
[73] OWENS CORNING, US  
[85] 1995-08-03  
[86] 1994-02-15 (PCT/US94/01208)  
[87] (WO94/19290) [30] US (020,955) 1993-02-22

[11] **2,156,899**  
[13] C

[51] **Int.Cl. 6C09D 167/00 6C09D 5/03 6C09D 7/12 6C09D 5/46**  
[25] EN  
[54] **HEAT CURABLE COATING SYSTEM COMPRISING A PLURALITY OF BINDER RESINS**  
[54] **SYSTEME DE REVETEMENT THERMORETICULABLE, RENFERMANT DIVERS LIANTS A BASE DE RESINES**  
[72] Hoppe, Manfred, CH  
[72] Kaplan, Andreas, CH  
[72] Gisler, René, CH  
[73] EMS-INVENTA AG, CH  
[22] 1995-08-24  
[30] DE (P 44 30 400.5) 1994-08-26

[11] **2,157,074**  
[13] C

[51] **Int.Cl. 6B29C 45/32**  
[25] EN  
[54] **INJECTION MOLDING PARTS WITH PINHOLES**  
[54] **PROCEDE ET DISPOSITIF DE MOULAGE PAR INJECTION DE PIECES PERCEES DE PETITS TROUS**  
[72] Campbell, Michael T., US  
[73] Cascade Engineering, Inc., US  
[22] 1995-08-28  
[30] US (502,275) 1995-07-15

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[11] **2,157,480**  
[13] C

[51] **Int.Cl. 6E05B 55/08 6H04M 17/02**  
[25] EN  
[54] **ELECTRONIC SECURITY SYSTEM WITH NOVEL ELECTRONIC T-HANDLE LOCK**  
[54] **SYSTEME DE SECURITE ELECTRONIQUE A MECANISME DE VERROUILLAGE ELECTRONIQUE A TOURNE-A-GAUCHE**  
[72] Hyatt, Richard G., Jr., US  
[72] Hall, Charles E., US  
[72] Trent, Douglas E., US  
[73] Medeco Security Locks, Inc., US  
[85] 1995-09-01  
[86] 1994-03-03 (PCT/US94/02322)  
[87] (WO94/21089) [30] US (08/026,781) 1993-03-05

[11] **2,157,559**  
[13] C

[51] **Int.Cl. 6B26B 19/04 6B26B 19/10**  
[25] EN  
[54] **CLIPPER BLADE ASSEMBLY**  
[54] **ENSEMBLE DE LAMES DE TONDEUSE A CHEVEUX**  
[72] Melton, Scott, US  
[73] Wahl Clipper Corporation, US  
[22] 1995-09-05  
[30] US (08/327,235) 1994-10-21

[11] **2,157,823**  
[13] C

[51] **Int.Cl. 6H02J 7/10**  
[25] EN  
[54] **CHARGE EQUALIZATION OF SERIES CONNECTED CELLS OR BATTERIES**  
[54] **EGALISATEUR DE CHARGE DE CELLULES OU DE BATTERIES CONNEXTEES EN SERIE**  
[72] Pacholok, David R., US  
[72] Fouchard, David T., US  
[72] Ebner, Walter B., US  
[73] Rayovac Corporation, US  
[22] 1995-09-08  
[30] US (303,703) 1994-09-09

[11] **2,158,206**  
[13] C

[51] **Int.Cl. 6A23G 3/30**  
[25] EN  
[54] **CONTINUOUS CHEWING GUM MANUFACTURING PROCESS FOR GUM WITH CONTROLLED FLAVOR RELEASE**  
[54] **PROCEDE DE FABRICATION DE GOMME A MACHER EN CONTINU, DANS LEQUEL LES SAVEURS SONT LIBEREES DE FACON CONTROLEE**  
[72] Song, Joo H., US  
[72] Sundstrom, Christafor E., US  
[72] Record, David W., US  
[72] Townsend, Donald J., US  
[72] Broderick, Kevin B., US  
[72] Schnell, Philip G., US  
[73] Wm. Wrigley Jr. Company, US  
[22] 1995-09-13  
[30] US (08/305,363) 1994-09-13  
[30] US (08/362,254) 1994-12-22

[11] **2,158,875**  
[13] C

[51] **Int.Cl. 6F16L 37/00**  
[25] EN  
[54] **CONNECTION VERIFIER FOR A QUICK CONNECTOR COUPLING**  
[54] **VERIFICATEUR DE JOINT EFFECTUE A L'AIDE D'UN RACCORD RAPIDE**  
[72] Kujawski, Rick A., US  
[73] BUNDY CORPORATION, US  
[22] 1995-09-22  
[30] US (312,457) 1994-09-26

[11] \* **2,159,019**  
[13] C

[51] **Int.Cl. 6F03D 11/00**  
[25] EN  
[54] **A WINDTRAP FOR POWER DEVELOPMENT**  
[54] **PIEGE A VENT POUR PRODUCTION D'ENERGIE**  
[72] Whelan, Matthew P., CA  
[73] Whelan, Matthew P., CA  
[22] 1995-09-25

[11] **2,159,401**  
[13] C

[51] **Int.Cl. 6A44B 19/00**  
[25] EN  
[54] **EXTRUDED ZIPPER WITH ORIGINATING MEANS AND METHOD FOR ORIENTING SAME**  
[54] **FERMETURE-ECLAIR EXTRUDEE AVEC MECANISME DE DEPART ET METHODE D'ORIENTATION DE LA FERMETURE**  
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[72] Tilman, Paul A., US  
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[54] **APPAREIL DE DETECTION DES FUITES A LA TERRE ET METHODE APPLIQUEE A UN CIRCUIT D'INDUCTION ET A UN CIRCUIT D'EXCITATION PAR DETECTION DES FUITES ENTRE LA TERRE ET LE NEUTRE DU CIRCUIT D'EXCITATION**  
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[54] **CONTACT LENS AND A METHOD FOR MANUFACTURING CONTACT LENS**  
[54] **VERRES DE CONTACT ET METHODES DE FABRICATION CONNEXE**  
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[51] **Int.Cl. 6G06F 13/00**  
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[54] **LOCATION TRANSPARENCY OF DISTRIBUTED OBJECTS OVER MULTIPLE MIDDLEWARES**  
[54] **TRANSPARENCE D'EMPLACEMENTS D'OBJETS REPARTIS SUR UNE MULTIPLICITE DE LOGICIELS STANDARD PERSONNALISES**  
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CLES FROM THE SAME AND ARO-  
MATIC TRIOLS USED FOR  
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BLY  
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[13] C

[51] Int.Cl. 6B65D 5/74  
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SPOUT  
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[13] C

[51] Int.Cl. 6G09F 13/34 6G09F 9/37  
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[54] DISPOSITIF D'AFFICHAGE  
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[54] SUPPORT DE DIAPOSITIVE STE-  
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[11] 2,172,015  
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DETECTOR IN A GIVEN IMAGE-  
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[54] METHODE POUR AJUSTER LA  
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[25] EN  
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[13] C

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[13] C

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[13] C

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[11] **2,175,596**  
[13] C

[51] **Int.Cl. 6C25D 7/04**  
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[11] **2,176,199**  
[13] C

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[30] FR (95 05 509) 1995-05-10

[11] **2,179,583**  
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[13] C

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[13] C

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[54] **STYLO ET INSTRUMENTS ANALOGUES**  
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[13] C

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[13] C

[51] **Int.Cl. 6B65B 67/04 6A45B 25/24 6A45B 25/28**  
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[54] **OUVRE-SAC D'EMBALLAGE**  
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[11] 2,184,048  
[13] C

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[54] **METHODE D'HYDROFORMYLATION DE COMPOSES RENFERMANT DES INSATURATIONS OLEFINIQUES**  
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[72] Xia, Zhigao, DE  
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[13] C

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[13] C

[51] **Int.Cl. 6A23G 3/30**  
[25] EN  
[54] **METHOD OF MAKING SUGAR-CONTAINING CHEWING GUM WITH PROLONGED SWEETNESS INTENSITY**  
[54] **PROCEDE DE PREPARATION D'UNE GOMME A MACHER CONTENANT DU SUCRE, D'UNE INTENSITE DE SAVEUR PROLONGEE**  
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[73] Wm. Wrigley Jr. Company, US  
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[30] US (08/242,301) 1994-05-13

[11] 2,189,606  
[13] C

[51] **Int.Cl. 6H04Q 1/18 6H04Q 1/20**  
[25] EN  
[54] **APPARATUS FOR PROVIDING SERVICE TO TELEPHONE SUBSCRIBERS CONNECTED TO A REMOTE TERMINAL FROM MULTIPLE TELEPHONE SERVICE PROVIDERS**  
[54] **APPAREIL POUR FOURNIR LE SERVICE TELEPHONIQUE A DES ABONNES DU TELEPHONE CONNECTES A UN TERMINAL ELOIGNE A PARTIR D'UNE MULTIPLICITE DE FOURNISSEURS DE SERVICE TELEPHONIQUE**  
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[72] Paulson, William Brohmer, US  
[72] Posthuma, Carl Robert, US  
[72] Stanley, Dorothy Voytko, US  
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[30] US (580,240) 1995-12-28

[11] 2,189,646  
[13] C

[51] **Int.Cl. 6C12N 9/52**  
[25] EN  
[54] **A PURIFIED MIXTURE OF COLLAGENASES AND TWO OTHER PROTEASES OBTAINED FROM CLOSTRIDIUM HISTOLYTICUM**  
[54] **MELANGE PURIFIE DE COLLAGENASES ET DE DEUX AUTRES PROTEASES TIREES DE CLOSTRIDIUM HISTOLYTICUM**  
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[72] Smith, Marilyn E., US  
[72] Jacobsen, Linda B., US  
[72] Waters, David G., US  
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[13] C

[51] **Int.Cl. 6B41F 7/24 6B41F 7/32**  
[25] EN  
[54] **AUTOMATIC LIQUID DAMPENING AND CLEANING SYSTEM FOR AN OFFSET PRINTING PRESS**  
[54] **SYSTEME AUTOMATIQUE DE LIQUIDE DE MOUILLAGE ET DE NETTOYAGE POUR PRESSE OFFSET**  
[72] Wood, Donald R., CA  
[73] Wood, Donald R., CA  
[22] 1997-01-22

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[11] **2,195,928**  
[13] C

[51] **Int.Cl. 6A47G 9/02**  
[25] EN  
[54] **FITTED SHEET FOR A MATTRESS**  
[54] **DRAP-HOUSSE**  
[72] MacDonald, Robert, CA  
[73] MacDonald, Robert, CA  
[22] 1997-01-24  
[30] US (08/687,120) 1996-07-24  
[30] US (08/598,824) 1996-02-02

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[11] **2,197,935**  
[13] C

[51] **Int.Cl. 6A61B 8/06**  
[25] EN  
[54] **ULTRASONIC CONTINUOUS WAVE DOPPLER BLOOD FLOW-METER**  
[54] **DEBIT SANGUIN DOPPLER A ONDE ULTRASONORE ENTRETEHNEUE**  
[72] Nakamura, Yasuhiro, JP  
[72] Baba, Sueo, JP  
[72] Akiyama, Hisashi, JP  
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1997-02-19  
[30] JP (08-119179) 1996-05-14

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[11] **2,201,451**  
[13] C

[51] **Int.Cl. 6B63B 21/04 6F16B 45/00**  
[25] FR  
[54] **SYSTEME D'ANCRAGE**  
[54] **ANCHORING SYSTEM**  
[72] LAPLANTE, Denis, CA  
[72] LACASSE, Mario, CA  
[73] LAPLANTE, Denis, CA  
[73] LACASSE, Mario, CA  
[22] 1997-04-01

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[11] **2,205,218**  
[13] C

[51] **Int.Cl. 6C07H 19/10 6C07H 21/00 6C07H 19/20**  
[25] EN  
[54] **IMPROVED METHODS FOR H-PHOSPHONATE SYNTHESIS OF MONO- AND OLIGONUCLEOTIDES**  
[54] **METHODES AMELIOREES POUR LA SYNTHESE DE MONO- ET D'OLIGONUCLEOTIDES**  
[72] BHONGLE, Nandkumar, US  
[73] HYBRIDON, INC., US  
[85] 1997-06-13  
[86] 1996-10-18 (PCT/US96/16636)  
[87] () [30] US (08/546,318) 1995-10-20

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[11] **2,209,452**  
[13] C

[51] **Int.Cl. 6A47K 3/00**  
[25] EN  
[54] **SHOWER SPLASH GUARD**  
[54] **PARE-ECLABOUSSURE POUR DOUCHE**  
[72] IBRAHIM, Bechara, CA  
[73] IBRAHIM, Bechara, CA  
[22] 1997-07-02

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[11] **2,211,702**  
[13] C

[51] **Int.Cl. 6C12Q 1/68 6A61B 1/31**  
[25] EN  
[54] **METHODS FOR THE DETECTION OF CLONAL POPULATIONS OF TRANSFORMED CELLS IN A GENOMICALLY HETEROGENEOUS CELLULAR SAMPLE**  
[54] **PROCEDES RELATIFS A LA DETECTION DES POPULATIONS CLONALES DE CELLULES TRANSFORMEES DANS UN ECHANTILLON CELLULAIRE A GENOMES HETEROGENES**  
[72] SHUBER, Anthony P., US  
[72] ULMER, Kevin M., US  
[72] LAPIDUS, Stanley N., US  
[73] Exact Laboratories, Inc., US  
[85] 1997-07-27  
[86] 1996-12-20 (PCT/US96/20627)  
[87] (WO97/23651) [30] US (60/009,137) 1995-12-22  
[30] US (08/700,583) 1996-08-14

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[11] **2,214,455**  
[13] C

[51] **Int.Cl. 6A01D 63/04 6A01C 23/00**  
[25] EN  
[54] **CROP DEFLECTOR FOR WHEEL OF HIGH CLEARANCE SPRAYER**  
[54] **ECARTEUR DE PLANTES POUR PULVERISATEUR ENJAMBEUR**  
[72] SAURETTE, Roger A. R., CA  
[73] TERRAFLEX AG SERVICES INC., CA  
[22] 1997-09-02  
[30] US (801,090) 1997-02-14

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[11] **2,217,311**  
[13] C

[51] **Int.Cl. 6B65D 51/20 6B65B 7/28**  
[25] EN  
[54] **TIN CAN WITH A FOIL CLOSURE MEMBRANE, AND A PROCESS, DEVICE AND FOIL FOR MANUFACTURING THE CAN**  
[54] **BOITE MUNIE D'UNE MEMBRANE DE FERMETURE EN FEUILLE, AINSI QUE PROCEDE, DISPOSITIF ET FEUILLE POUR LA FABRICATION DE CETTE BOITE**  
[72] GRABHER, Werner, CH  
[73] GRABHER, Werner, CH  
[85] 1997-10-02  
[86] 1996-03-30 (PCT/EP96/01410)  
[87] (WO96/31406) [30] EP (95104906.3) 1995-04-02

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[11] **2,219,053**  
[13] C

[51] **Int.Cl. 6B01D 21/01**  
[25] EN  
[54] **APPARATUS AND METHOD FOR SEPARATING SOLIDS FROM DRILLING FLUIDS**  
[54] **APPAREIL ET METHODE DE SEPARATION DE SOLIDES DES BOUES DE FORAGE**  
[72] ROWNEY, Brian Raymond, CA  
[72] KING, David, CA  
[73] Grand Tank (International) Inc., CA  
[22] 1997-10-22  
[30] US (08/951,843) 1997-10-16

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[11] \* 2,227,453

[13] C

[51] Int.Cl. 6E01H 5/06 6A01B 15/20

[25] FR

[54] **SUPPORT HYDRAULIQUE AVEC  
ROUES POUR CHASSE-NEIGE**

[54] **WHEELED HYDRAULIC SUPPORT  
FOR SNOWPLOUGHS**

[72] VÉZINA, Réjean, CA

[73] VÉZINA, Réjean, CA

[22] 1998-03-23

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[11] \* 2,233,151

[13] C

[51] Int.Cl. 6B32B 7/12 6B44F 11/02

[25] EN

[54] **TEXTURED IMAGE LAMINATING  
FILM**

[54] **FILM DE LAMINAGE POUR  
IMAGE TEXTUREE**

[72] CHOI, Han Chil, CA

[73] CHOI, Han Chil, CA

[22] 1998-03-26

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[21] **2,213,598**  
[13] A1  
[51] **Int.Cl. 6B65D 47/42**  
[25] EN  
[54] **SQUEEZE BOTTLE DISPENSER**  
[54] **DISTRIBUTEUR COMPRIMABLE**  
**EN FORME DE BOUTEILLE**  
[72] COSTER, David James, CA  
[71] COSTER, David James, CA  
[22] 1997-10-15  
[43] 1999-04-15

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[21] **2,213,599**  
[13] A1  
[51] **Int.Cl. 6F16H 21/14 6F03G 7/10**  
[25] EN  
[54] **PERPETUAL MOTION**  
[54] **MOUVEMENT CONTINU**  
[72] ALWARID, Ali, CA  
[71] ALWARID, Ali, CA  
[22] 1997-10-14  
[43] 1999-04-14

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[21] **2,213,648**  
[13] A1  
[51] **Int.Cl. 6A61J 1/22**  
[25] EN  
[54] **THE CHAN'S FLUID DEPLETION**  
**MONITORING DEVICE**  
[54] **APPAREIL DE SURVEILLANCE**  
**DE LA DEPLETION DE LIQUIDE DU**  
**CHAN**  
[72] CHAN, Timothy Y. C., CA  
[71] CHAN, Timothy Y. C., CA  
[22] 1997-10-14  
[43] 1999-04-14

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[21] **2,214,181**  
[13] A1  
[51] **Int.Cl. 6F16H 55/56**  
[25] EN  
[54] **HYDRAULICALLY ACTUATED**  
**VARIABLE PITCH SHEAVE C/W INTE-**  
**GRATED CONCENTRIC SPEED SENSI-**  
**TIVE PITCH CONTROL PUMP. (THE**  
**VARIABLE PITCH SHEAVE)**  
[54] **REA VARIABLE ACTIONNE HY-**  
**DRAULIQUEMENT C/W ET CON-**  
**TROLE INTEGRE CONCENTRIQUE DE**  
**POMPE REA REAGISSANT A LA VIT-**  
**ESSE (LE REA VARIABLE)**  
[72] STEPHENSON, Douglas Norman, CA  
[71] STEPHENSON, Douglas Norman, CA  
[22] 1997-10-14  
[43] 1999-04-14

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[21] **2,214,190**  
[13] A1  
[51] **Int.Cl. 6G06F 3/023 6H03M 11/00**  
[25] EN  
[54] **IMPROVED SECURITY DATA EN-**  
**TRY ALPHANUMERIC KEYPAD**  
[54] **CLAVIER ALPHANUMERIQUE DE**  
**SAISIE DE DONNEES SECURITAIRE**  
**AMELIORE**  
[72] BLOM, Michael Ernest, CA  
[71] BLOM, Michael Ernest, CA  
[22] 1997-10-15  
[43] 1999-04-15

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[21] **2,214,324**  
[13] A1  
[51] **Int.Cl. 6A47B 81/00**  
[25] EN  
[54] **MAGNETIC STABILIZING FOR**  
**UTILITY CONTAINERS**  
[54] **STABILISATEUR MAGNETIQUE**  
**POUR CONTENANT UTILITAIRE**  
[72] MELANCON, Camille, CA  
[71] MELANCON, Camille, CA  
[22] 1997-10-15  
[43] 1999-04-15

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[21] **2,214,325**  
[13] A1  
[51] **Int.Cl. 6E21B 23/00**  
[25] EN  
[54] **POSITIVE WET/DRY WIRELINE**  
**CONNECT**  
[54] **CONNEXION FIABLE, LIQUIDE**  
**OU SECHE, POUR CABLE**  
[72] HUTLEY, Christopher George, CA  
[71] HUTLEY, Christopher George, CA  
[22] 1997-10-15  
[43] 1999-04-15

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[21] **2,214,326**  
[13] A1  
[51] **Int.Cl. 6A41D 13/00**  
[25] EN  
[54] **A PROTECTIVE SPORTS GAR-**  
**MENT FOR THE LOWER BODY AND**  
**LEGS**  
[54] **VETEMENT DE PROTECTION**  
**POUR LA PRATIQUE DE SPORTS RE-**  
**COUVRANT LA PARTIE INFERIEURE**  
**DU CORPS ET LES JAMBES**  
[72] CITRA, David Wayne, CA  
[71] CITRA, David Wayne, CA  
[22] 1997-10-16  
[43] 1999-04-16

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[21] **2,214,328**  
[13] A1  
[51] **Int.Cl. 6A41D 1/04 6A61F 7/00**  
[25] EN  
[54] **ICE/HEAT VEST**  
[54] **GILET REFRIGERANT/CHAUF-**  
**FANT**  
[72] LAZAR, Krissy, CA  
[71] LAZAR, Krissy, CA  
[22] 1997-10-17  
[43] 1999-04-17

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[21] **2,214,330**  
[13] A1  
[51] **Int.Cl. 6G06F 1/16 6G06F 3/023 6A47B 21/03**  
[25] EN  
[54] **MOBILE SUPPORT DEVICE**  
[54] **DISPOSITIF D'APPUI MOBILE**  
[72] CHUN, Michael Kai-Wah, CA  
[71] CHUN, Michael Kai-Wah, CA  
[22] 1997-10-17  
[43] 1999-04-17

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[21] **2,216,326**  
[13] A1  
[51] **Int.Cl. 6C22B 1/24**  
[25] EN  
[54] **PROCESS FOR IRON ORE PELLETS PRODUCTION**  
[54] **PROCEDE DE PRODUCTION DE BOULETTES DE MINERAI DE FER**  
[72] RUSCHID TOLENTINO, Joao Julio, BR  
[72] GONÇALVES FREITAS, Geraldo, BR  
[72] DA SILVA KLEIN, Marcelo, BR  
[71] COMPANHIA VALE DO RIO DOCE, BR  
[22] 1997-10-14  
[43] 1999-04-14

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[21] **2,216,774**  
[13] A1  
[51] **Int.Cl. 6H05K 13/02**  
[25] EN  
[54] **CONTINUOUS CARRIER DEVICE FOR ELECTRONIC COMPONENTS**  
[54] **TRANSPORTEUR CONTINU DE COMPOSANTS ELECTRONIQUES**  
[72] RODIER, Sylvain, CA  
[71] CORFIN INC., CA  
[22] 1997-10-17  
[43] 1999-04-17

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[21] **2,216,933**  
[13] A1  
[51] **Int.Cl. 6B08B 9/02**  
[25] EN  
[54] **APPARATUS FOR RECOVERING FLOATING TUBE CLEANING ELEMENTS**  
[54] **DISPOSITIF PERMETTANT DE RECUPERER LES ELEMENTS FLOT-TANTS DE NETTOYAGE DES TUBES**  
[72] ECHOLS, James F., US  
[71] BETZDEARBORN INC., US  
[22] 1997-10-20  
[43] 1999-04-16  
[30] US (08/951,569) 1997-10-16

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[21] **2,217,017**  
[13] A1  
[51] **Int.Cl. 6A01K 5/02 6A01K 5/00**  
[25] EN  
[54] **ENSILAGE BASKET WITH BOTTOM DOOR**  
[54] **PANIER D'ENSILAGE AVEC PORTE INFERIEUR**  
[72] PELLERIN, André, CA  
[71] A. PELLERIN ET FILS LTÉE, CA  
[22] 1997-10-14  
[43] 1999-04-14

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[21] **2,217,474**  
[13] A1  
[51] **Int.Cl. 6A47C 4/28**  
[25] EN  
[54] **FOLDING CHAIR FOR OUTDOOR AND/OR WET BATHROOMS, TERRACES WITH OR WITHOUT ARM-RESTS**  
[54] **CHAISE PLIABLE POUR L'EXTERIEUR ET/OU SALLES DE BAIN HUMIDES ET TERRASSES, DOTEES OU NON D'ACCOUDOIRS**  
[72] HAUBOLD, Dieter, DE  
[71] HAUBOLD, Dieter, DE  
[22] 1997-10-15  
[43] 1999-04-15

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[21] **2,217,630**  
[13] A1  
[51] **Int.Cl. 6A47B 97/00**  
[25] EN  
[54] **BOX FURNITURE FOR OUTDOOR, TERRACES AND/OR WET BATHROOMS**  
[54] **MEUBLES DE RANGEMENTS POUR L'EXTERIEUR, TERRASSES ET/OU SALLE DE BAIN HUMIDES**  
[72] HAUBOLD, Dieter, DE  
[71] HAUBOLD, Dieter, DE  
[22] 1997-10-15  
[43] 1999-04-15

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[21] **2,218,162**  
[13] A1  
[51] **Int.Cl. 6B23B 49/00**  
[25] EN  
[54] **PRECISION UNIVERSAL CENTRE FINDER**  
[54] **DISPOSITIF UNIVERSEL DE CENTRAGE DE PRECISION**  
[72] GLOW, Harry G., CA  
[71] GLOW, Harry G., CA  
[22] 1997-10-14  
[43] 1999-04-14

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[21] **2,218,168**  
[13] A1  
[51] **Int.Cl. 6B60P 1/26**  
[25] EN  
[54] **CONTROL DEVICE FOR TRAILER GATES**  
[54] **DISPOSITIF DE COMMANDE POUR DES PANNEAUX ARRIERES DE REMORQUE**  
[72] FRIESEN, Leroy, CA  
[71] Midland Manufacturing, Ltd., CA  
[22] 1997-10-14  
[43] 1999-04-14

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[21] **2,218,198**  
[13] A1  
[51] **Int.Cl. 6G01V 9/00 6F41H 11/12**  
[25] EN  
[54] **PRODDER WITH FORCE FEED-BACK**  
[54] **SONDE AVEC CAPTEUR DE FORCE**  
[72] GALLAGHER, Patrick J., CA  
[72] BORZA, Michael A., CA  
[71] GALLAGHER, Patrick J., CA  
[71] BORZA, Michael A., CA  
[22] 1997-10-14  
[43] 1999-04-14

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[21] **2,218,204**  
[13] A1  
[51] **Int.Cl. 6A61K 7/16**  
[25] EN  
[54] **TARTAR CONTROL ORAL COMPOSITIONS**  
[54] **COMPOSITIONS ORALES ANTI-TARTRE**  
[72] LUKACOVIC, Michael Frederick, US  
[72] BURGESS, Steven Carl, US  
[72] PETERSON, Liezl Gonzales, US  
[72] HUNTER-RINDERLE, Mary Ann, US  
[72] BERRY, Gregory, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[22] 1997-10-14  
[43] 1999-04-14



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[21] **2,218,236**  
[13] A1

[51] **Int.Cl. 6C12P 17/06 6A23J 3/14 6A23L 1/29**  
[25] EN  
[54] **AGLUCONE ISOFLAVONE ENRICHED VEGETABLE PROTEIN WHEY, WHEY PROTEIN MATERIAL, AGLUCONE ISOFLAVONE MATERIAL, HIGH GENISTEIN CONTENT MATERIAL, AND HIGH DAIDZEIN CONTENT MATERIAL AND PROCESS FOR PRODUCING THE SAME FROM A VEGETABLE PROTEIN WHEY**  
[54] **LACTOSERUM PROTEINIQUE VEGETAL ENRICHI EN AGLUCONE ISOFLAVONE; PROTEINE LACTOSERIQUE, AGLUCONE ISOFLAVONE, PRODUIT RICHE EN GENISTEINE, PRODUIT RICHE EN DAIDZEINE; PROCEDE POUR OBTENIR CES SUBSTANCES A PARTIR DE LACTOSE-RUM PROTEINIQUE VEGETAL**  
[72] BRYAN, Barbara A., US  
[72] ALLRED, Maryann C., US  
[72] ROUSSEY, Mark A., US  
[72] SHEN, Jerome, US  
[71] PROTEIN TECHNOLOGIES INTERNATIONAL, INC., US  
[22] 1997-10-14  
[43] 1999-04-14

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[21] **2,218,269**  
[13] A1

[51] **Int.Cl. 6H01Q 1/38**  
[25] EN  
[54] **MICROSTRIP PATCH RADIATOR WITH MEANS FOR THE SUPPRESSION OF CROSS-POLARIZATION**  
[54] **RESEAU RAYONNANT A MICRORUBAN AVEC DISPOSITIF POUR LA SUPPRESSION DE LA POLARISATION CROISEE**  
[72] STRICKLAND, Peter C., CA  
[71] CAL CORPORATION, CA  
[22] 1997-10-15  
[43] 1999-04-15

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[21] **2,218,326**  
[13] A1

[51] **Int.Cl. 6G02B 5/18**  
[25] EN  
[54] **REFLECTIVE DIFFRACTION GRATING WITH GROOVES COMPRISING TWO REFLECTIVE FACETS**  
[54] **RESEAU DE DIFFRACTION REFLECHISSANT DOTE DE RAINURES AYANT DEUX FACETTES REFLECHISSANTES**  
[72] MCGREER, Kenneth A., CA  
[71] TELECOMMUNICATIONS RESEARCH LABORATORIES, CA  
[22] 1997-10-16  
[43] 1999-04-16

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[21] **2,218,341**  
[13] A1

[51] **Int.Cl. 6D05C 1/02**  
[25] EN  
[54] **NEEDLEPOINT FABRIC MOUNT**  
[54] **METIER A TAPISSERIE**  
[72] KUHN, Frederick A., CA  
[71] KUHN, Frederick A., CA  
[22] 1997-10-16  
[43] 1999-04-16

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[21] **2,218,401**  
[13] A1

[51] **Int.Cl. 6B42D 5/04**  
[25] EN  
[54] **METHOD AND MEANS FOR PROVIDING A PERSONAL MEMORY CALENDAR CONVERTIBLE TO A PERMANENT MEMORY BOOK**  
[54] **METHODE ET ARTICLE SERVANT DE CALENDRIER PERMETTANT D'AFFICHER DES SOUVENIRS PERSONNELS ET POUVANT ETRE TRANSFORME EN LIVRE DE SOUVENIRS QUI PEUVENT AINSI ETRE CONSERVES**  
[72] HENDLER, Judith, US  
[72] CATHERS, Geoffrey, US  
[71] HENDLER, Judith, US  
[71] CATHERS, Geoffrey, US  
[22] 1997-10-16  
[43] 1999-04-16

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[21] **2,218,419**  
[13] A1

[51] **Int.Cl. 6B60B 27/00**  
[25] EN  
[54] **IMPROVEMENT TO CARRIER WHEEL HUB**  
[54] **AMELIORATIONS A UN MOYEU DE ROUE PORTEUSE**  
[72] PINEDA, Eduardo Soto, MX  
[71] Sistemas Integrales para el Transporte, S.A. de C.V., MX  
[22] 1997-10-16  
[43] 1999-04-16

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[21] **2,218,426**  
[13] A1

[51] **Int.Cl. 6G01B 3/10**  
[25] EN  
[54] **AN IMPROVED STRUCTURE FOR A TAPE MEASURE**  
[54] **BOITIER AMELIORE DE METRE A MESURER**  
[72] LI, Shih Lin, TW  
[71] LI, Shih Lin, TW  
[22] 1997-10-15  
[43] 1999-04-15

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[21] **2,218,435**  
[13] A1

[51] **Int.Cl. 6B65D 90/24**  
[25] EN  
[54] **FUEL CONTAINMENT DEVICE**  
[54] **DISPOSITIF DE RETENUE DE COMBUSTIBLE**  
[72] KLASSEN, Nika J., CA  
[71] WESTEEL, CA  
[22] 1997-10-15  
[43] 1999-04-15

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[21] **2,218,436**  
[13] A1

[51] **Int.Cl. 6F16L 55/162 6F16L 55/18**  
[25] EN  
[54] **DEVICE FOR REPAIRING PIPES**  
[54] **DISPOSITIF SERVANT A REPARER LES TUYAUX**  
[72] WIERCIENSKI, Jacek, CA  
[72] GOLDENBERG, Andrew A., CA  
[72] KUZAN, Pawel, CA  
[71] THE CONSUMERS' GAS COMPANY LTD., CA  
[22] 1997-10-15  
[43] 1999-04-15

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[21] **2,218,461**  
[13] A1  
[51] **Int.Cl. 6G01V 9/00**  
[25] EN  
[54] **ACOUSTIC LANDMINE PROD-  
DING INSTRUMENT WITH FORCE  
FEEDBACK**  
[54] **INSTRUMENT DE RECHERCHE  
DES MINES TERRESTRES PAR SON-  
DAGE ACOUSTIQUE AVEC RETOUR  
DE FORCE**  
[72] DEWITT, Fabio G., CA  
[72] BORZA, Michael A., CA  
[71] DEWITT, Fabio G., CA  
[71] BORZA, Michael A., CA  
[22] 1997-10-16  
[43] 1999-04-16

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[21] **2,218,575**  
[13] A1  
[51] **Int.Cl. 6H05K 1/02 6H05K 3/00**  
[25] EN  
[54] **TRACE-PAD INTERFACE FOR IM-  
PROVED SIGNAL QUALITY**  
[54] **INTERFACE RESEAU-  
PLAQUETTE POUR QUALITE AME-  
LIOREE DE SIGNAUX**  
[72] CHONG, Ignatius T., CA  
[72] CSONKA, Jacqueline V., CA  
[71] Celestica, Inc., CA  
[22] 1997-10-16  
[43] 1999-04-16

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[21] **2,218,587**  
[13] A1  
[51] **Int.Cl. 6H04L 12/12 6H04L 12/14**  
[25] EN  
[54] **METHOD OF PROVIDING INTER-  
NET SERVICE**  
[54] **METHODE DE PRESTATION DE  
SERVICES INTERNET**  
[72] ROBERT, Georges, CA  
[72] HIGGINS, Steven Robertson, CA  
[71] ROBERT, Georges, CA  
[71] HIGGINS, Steven Robertson, CA  
[22] 1997-10-17  
[43] 1999-04-17

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[21] **2,218,596**  
[13] A1  
[51] **Int.Cl. 6A23L 1/20 6B65B 25/06  
6A23J 3/16 6A23J 3/26**  
[25] EN  
[54] **A PROCESS FOR THE PREPARA-  
TION AND THE PACKAGING OF SOYA  
BASED FOODSTUFF**  
[54] **UN PROCEDE DE PREPARATION  
ET D'EMBALLAGE D'UN ALIMENT A  
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[54] **CHARPENTE DE MACONNERIE**  
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[54] **FERMETURE DE COL DE REM-  
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[71] STANT MANUFACTURING INC., US  
[22] 1997-10-15  
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[51] **Int.Cl. 6B65G 11/14 6B65G 11/18  
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[54] **LOADING SPOUT HOIST MECHA-  
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[54] **MECANISME DE LEVAGE DE  
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[72] STAFFORD, Brian T., CA  
[71] EMS-TECH INC., CA  
[22] 1997-10-17  
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[25] EN  
[54] **IMPROVED RETAINING WALL/  
TIE BACK/ANCHOR ASSEMBLY**  
[54] **ASSEMBLAGE AMELIORE POUR  
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[72] MUNKELT, Gary K., US  
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[71] Atlantic Precast Concrete Inc., US  
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[25] EN  
[54] **GAS OVEN FUEL CONTROL WITH  
PROOF OF IGNITION**  
[54] **MECANISME DE CONTROLE DU  
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[25] EN  
[54] **HYDROXYLATION OF SALI-  
CYLIC ACID DERIVATIVES**  
[54] **HYDROXYLATION DE DERIVES  
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[72] KUMARATHASAN, Premkumari, CA  
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[25] EN  
[54] **A SYSTEM AND METHOD FOR**  
**MANAGING PACKET-SWITCHED**  
**CONNECTIONS**  
[54] **SYSTEME ET METHODE DE GES-**  
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[72] LITTLE, Herb A., CA  
[72] MOUSSEAU, Gary P., CA  
[72] CHURCH, Mark E., CA  
[72] MACCALLUM, Louise A., CA  
[71] Research In Motion Limited, CA  
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[13] A1

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[72] D'ARCY, Daniel Joseph, US  
[72] EBERLE, John David, US  
[72] DAVIS, Donald Lawrence, US  
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[54] **CAGE A OISEAUX**  
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[54] **DISPOSITIF D'ESSAI ELEC-**  
**TRIQUE**  
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[72] HUGHES, Wayne E., US  
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[13] A1

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[25] EN  
[54] **LOWER HINGE ENGAGING**  
**STRUCTURE FOR REFRIGERATOR**  
[54] **SUPPORT DE CHARNIERE DE BAS**  
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[72] JEONG, Gwan Sik, KR  
[71] LG Electronics Inc., KR  
[22] 1998-01-13  
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[13] A1

[51] **Int.Cl. 6A47C 15/00**  
[25] EN  
[54] **SOFT-SCULPTED FURNITURE**  
[54] **PIECES DE MOBILIER FORMEES**  
**ET COUSSINEES**  
[72] HAUGH, Scott T., US  
[72] BROSNAN, Judith J., US  
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[13] A1

[51] **Int.Cl. 6H02G 7/05**  
[25] EN  
[54] **INSULATING SUPPORT DEVICE**  
**FOR ELECTRICAL CONDUCTOR**  
[54] **DISPOSITIF DE SUPPORT**  
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[72] BLANDING, Douglas, US  
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[54] **CASQUE A POINTURE UNI-**  
**VERSELLE**  
[72] IRVIN, Michael W., US  
[72] IDE, Thad M., US  
[72] MADDUX, Larry E., US  
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[13] A1

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**6G01K 7/01 6F24F 11/02**  
[25] EN  
[54] **ELECTRONIC THERMOSTAT**  
**CONTROL UNIT AND ITS USE IN**  
**MULTI-POINT TEMPERATURE CON-**  
**TROLLER FOR REFRIGERATION AND**  
**HEATING SYSTEMS**  
[54] **UNITE DE COMMANDE D'UN**  
**THERMOSTAT ELECTRONIQUE ET**  
**UTILISATION DE CETTE UNITE DANS**  
**UN DISPOSITIF DE REGLAGE DE LA**  
**TEMPERATURE DESTINE A DES SYS-**  
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[72] BHATNAGAR, Rajiv, IN  
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[13] A1

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[54] **POUDRE DE NICKEL ET PRO-**  
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[72] NAGASHIMA, Kazuro, JP  
[72] YOSHIDA, Hiroshi, JP  
[72] MA, Yiyi, JP  
[72] AKIMOTO, Yuji, JP  
[72] ASADA, Eiichi, JP  
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[54] **REINFORCED NYLON COMPOSITIONS WITH SUPERIOR STRENGTH AND SURFACE APPEARANCE**  
[54] **COMPOSITON DE NYLON RENFORCEE, A RESISTANCE ET APPARENCE AMELIOREES**  
[72] HURLEY, James M., US  
[71] BASF CORPORATION, US  
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[54] **SUPERMARKET GOODS DISPLAY METHOD AND DISPLAY RACK AND DISPLAY CART THEREFOR**  
[54] **METHODE DE PRESENTATION DE PRODUITS DANS UN SUPER-MARCHE, PRESENTOIR ET CHARIOT-PRESENTOIR**  
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[13] A1

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[25] EN  
[54] **APPARATUS AND METHOD FOR CONDUCTING GAMES OF CHANCE**  
[54] **JEU DE HASARD**  
[72] KAIL, Gianni, IT  
[71] SUPRA ENGINEERING LIMITED, IE  
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[13] A1

[51] **Int.Cl. 6E06B 1/06 6E06B 1/34 6E04B 1/70**  
[25] EN  
[54] **WOOD ROT PREVENTING WOOD CASING END GRAIN MOISTURE BARRIER ASSEMBLY AND METHOD**  
[54] **DISPOSITIF COMPORTANT UNE BARRIERE ETANCHE A L'HUMIDITE POUR LES VEINES D'EXTREMITE DES CADRES DE BOIS EMPECHANT LA POURRITURE DU BOIS ET METHODE D'UTILISATION DE CE DISPOSITIF**  
[72] YOUNG, Robert H., US  
[71] YOUNG, Robert H., US  
[22] 1998-03-30  
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[30] US (08/953,243) 1997-10-17

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[13] A1

[51] **Int.Cl. 6H02G 3/00 6A47B 95/00**  
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[54] **RETRACTABLE RECEPTACLE FOR FURNITURE**  
[54] **LOGEMENT ESCAMOTABLE DANS DES MEUBLES**  
[72] MCCARTHY, David G., US  
[71] MCCARTHY, David G., US  
[22] 1998-04-28  
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[21] **2,237,592**  
[13] A1

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[54] **TARPAULIN COVER SYSTEM**  
[54] **SYSTEME DE BACHE**  
[72] CRAMARO, Michael, US  
[71] CRAMARO TARPAULIN SYSTEMS, INC., US  
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[13] A1

[51] **Int.Cl. 6B66D 1/48 6B63B 23/48**  
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[54] **MOTION COMPENSATION WINCH**  
[54] **TREUIL A COMPENSATION DE MOUVEMENT**  
[72] WEBBER, James R., CA  
[72] HRESCAK, Stan, CA  
[71] PULLMASTER WINCH CORPORATION, CA  
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[13] A1

[51] **Int.Cl. 6F16L 59/02 6B29C 65/66**  
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[54] **MICROPOROUS PRESSED MOLDED THERMAL INSULATOR BODY AND METHOD FOR ITS PRODUCTION**  
[54] **CORPS ISOLANT THERMIQUE MICROPOREUX PRESSE ET METHODE POUR SA FABRICATION**  
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[72] GABRIEL, Reinhard, DE  
[71] POREXTHERM-DÄMMSTOFFE GMBH, DE  
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[54] **PIVOTABLE CONTROL LEVER MECHANISM**  
[54] **MECANISME DE LEVIER DE COMMANDE PIVOTANT**  
[72] SCHULT, Leslie Harold, US  
[72] MILLER, Gordon Edward, US  
[71] DEERE & COMPANY, US  
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[54] **DISPOSITIF DE LUBRIFICATION DE PALIER**  
[72] FLATAU, Donald Rodney, US  
[72] MODZIK, Andrew Edward, Jr., US  
[71] DEERE & COMPANY, US  
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[25] EN  
[54] **LATCHING DEVICE WITH DETENT**  
[54] **DISPOSITIF DE VERROUILLAGE AVEC DETENTE**  
[72] DOERING, David Arthur, US  
[71] DEERE & COMPANY, US  
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[25] EN  
[54] **BOOM ARM LINKAGE MECHANISM**  
[54] **SYSTEME ARTICULE POUR FLECHE**  
[72] MILLER, Gordon Edward, US  
[72] ANDREWS, Charles David, US  
[72] MODZIK, Andrew Edward, Jr., US  
[72] SCHULT, Leslie Harold, US  
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[13] A1

[51] **Int.Cl. 6H01J 65/04**  
[25] EN  
[54] **ELECTRODELESS LAMP HAVING THERMAL BRIDGE BETWEEN THERMFORMER CORE AND AMALGAM**  
[54] **LAMPE SANS ELECTRODE A PONT THERMIQUE ENTRE LE NOYAU DE TRANSFORMATEUR ET L'AMALGAME**  
[72] KLING, Michael R., US  
[71] OSRAM SYLVANIA INC., US  
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[13] A1

[51] **Int.Cl. 6H01J 61/02 6H01J 61/20**  
[25] EN  
[54] **A FLUORESCENT LAMP HAVING AN ATTACHMENT THEREIN FOR REDUCTION OF SOLUBLE MERCURY IN THE LAMP AND TO ACT AS A FAIL-SAFE AT THE END OF LAMP LIFE**  
[54] **LAMPE FLUORESCENTE AVEC ACCESSOIRE POUR REDUIRE LE MERCURE SOLUBLE CONTENU DANS LA LAMPE ET ASSURER LA SURETE DE LA LAMPE A LA FIN DE SA DUREE DE VIE UTILE**  
[72] SHINN, Dennis B., US  
[72] EVANS, Tyra N., US  
[72] BOYCE, Craig S., US  
[72] SWEETLAND, Michael D., US  
[72] TUTTLE, Billy W., US  
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[51] **Int.Cl. 6B60T 13/12**  
[25] EN  
[54] **HYDRAULIC STRUCTURE FOR A BRAKE SYSTEM**  
[54] **STRUCTURE HYDRAULIQUE POUR SYSTEME DE FREINAGE**  
[72] DIECKE, Friedrich Konrad, US  
[72] WARD, Christopher Mark, US  
[72] STEVENS, Clyde Bennett, US  
[71] STERLING HYDRAULICS, INC., US  
[71] DEERE & COMPANY, US  
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[13] A1

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[25] EN  
[54] **OPERATOR ENCLOSURE**  
[54] **POSTE DE CONDUITE**  
[72] MILLER, Gordon Edward, US  
[72] DOERING, David Arthur, US  
[71] DEERE & COMPANY, US  
[22] 1998-08-06  
[43] 1999-04-17  
[30] US (08/954,290) 1997-10-17

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[21] **2,242,652**  
[13] A1

[51] **Int.Cl. 6F24F 13/10 6F24H 3/02 6F24H 9/20**  
[25] EN  
[54] **DIRECT GAS-FIRED HEATING AND VENTILATION SYSTEM WITH PASSIVE CONTROL DAMPER**  
[54] **SYSTEME DE CHAUFFAGE ET DE VENTILATION A CHAUFFAGE AU GAZ DIRECT AVEC REGISTRE DE CIRCULATION A COMMANDE PASSIVE**  
[72] CHECK, Chris B., US  
[72] KNIERIEM, Bruce L., US  
[72] SCHMIDT, Jay J., US  
[71] GREENHECK FAN CORPORATION, US  
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[30] US (08/949,261) 1997-10-13

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[13] A1

[51] **Int.Cl. 6A61M 15/00**  
[25] EN  
[54] **METHODS AND APPARATUS FOR DELIVERING AEROSOLIZED MEDICATION**  
[54] **METHODES ET APPAREIL POUR ADMINISTRER DES MEDICAMENTS EN AEROSOL**  
[72] MOHSEN, Nahed Mohsen, US  
[72] ARMER, Thomas Alex, US  
[72] PAVKOV, Richard Matthew, US  
[72] EVANS, Bryce Burwick, US  
[72] SUDHALKAR, Atul M., US  
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[13] A1  
[51] **Int.Cl. 6B65G 47/61 6B61B 10/02 6B65G 47/36**  
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[54] **CONVEYOR TRANSFER UNIT**  
[54] **UNITE DE TRANSFERT DE CONVOYEUR**  
[72] BIRKS, Charles H., US  
[72] NEEF, Paul R., US  
[71] EISENMANN CORPORATION, US  
[22] 1998-07-16  
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[13] A1  
[51] **Int.Cl. 6E21B 43/32**  
[25] EN  
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[54] **PROCEDE DE CONTROLE THERMO-HYDRAULIQUE D'HYDRATES DE GAZ**  
[72] LEITE, Lucia Cristina Ferreira, BR  
[72] ROCHA, Nelson de Oliveira, BR  
[72] KHALIL, Carlos Nagib, BR  
[71] PETROLEO BRASILEIRO S.A.-PETROBRAS, BR  
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[13] A1  
[51] **Int.Cl. 6H05K 9/00**  
[25] EN  
[54] **A SHIELDED PC CARD AND METHOD OF MANUFACTURE**  
[54] **CARTE DE RESEAU PC BLINDEE ET METHODE POUR LA FABRICATION DE CELLE-CI**  
[72] LEARMONTH, Iain Thomas, GB  
[71] ITT MANUFACTURING ENTERPRISES, INC., US  
[22] 1998-07-24  
[43] 1999-04-13  
[30] EP (97308090.6) 1997-10-13

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[13] A1  
[51] **Int.Cl. 6A23K 1/18 6A23K 1/20**  
[25] EN  
[54] **DENTAL CARE PET FOOD**  
[54] **NOURRITURE POUR ANIMAUX DE COMPAGNIE, NETTOYANT LEURS DENTS**  
[72] SMITHEY, Sheri Lynn, US  
[72] GERHEART, Lynn Ann, US  
[72] ANDERSON, Donna Elizabeth, US  
[72] SCHNELL, Scott, US  
[72] CUPP, Carolyn Jean, US  
[71] SOCIÉTÉ DES PRODUITS NESTLÉ S.A., CH  
[22] 1998-09-04  
[43] 1999-04-14  
[30] US (60/062090) 1997-10-14

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[13] A1  
[51] **Int.Cl. 6B29C 45/48**  
[25] EN  
[54] **A METHOD OF AND SYSTEMS FOR KNEADING AND INJECTING A COMPOSITE RESIN**  
[54] **METHODE ET SYSTEME DE MALAXAGE ET D'INJECTION D'UNE RESINE COMPOSITE**  
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[71] BH KOGYO YUGEN KAISHA, JP  
[22] 1998-08-06  
[43] 1999-04-17  
[30] JP (9-285240) 1997-10-17  
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[13] A1  
[51] **Int.Cl. 6B23Q 5/50**  
[25] EN  
[54] **DRIVE DEVICE FOR A FEED MEMBER IN A MACHINE TOOL**  
[54] **COMMANDE DE DISPOSITIF D'AVANCE DE MACHINE-OUTIL**  
[72] YAMADA, Shigeru, JP  
[72] KITAMURA, Kousaku, JP  
[72] KITAMURA, Akihiro, JP  
[71] KITAMURA MACHINERY CO., LTD., JP  
[22] 1998-08-10  
[43] 1999-04-14  
[30] JP (9-294984) 1997-10-14

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[21] **2,245,619**  
[13] A1  
[51] **Int.Cl. 6E04H 17/00 6E05B 65/04**  
[25] EN  
[54] **MULTI-DOOR ELECTRICAL EQUIPMENT ENCLOSURE WITH MECHANICAL DOOR INTERLOCK**  
[54] **BOITIER A PLUSIEURS PORTES SERVANT A ABRITER DE L'APPAREILLAGE ELECTRIQUE POURVU D'UN INTERVERROUILLAGE MECANIQUE DES PORTES**  
[72] ZEITLER, Ronald F., US  
[71] SAGINAW CONTROL & ENGINEERING, INC., US  
[22] 1998-08-25  
[43] 1999-04-16  
[30] US (08/951,265) 1997-10-16

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[21] **2,246,042**  
[13] A1  
[51] **Int.Cl. 6G01B 11/27 6B62D 53/08**  
[25] EN  
[54] **COUPLING ALIGNMENT WARNING SYSTEM**  
[54] **SYSTEME AVERTISSEUR RELATIF A L'ALIGNEMENT D'UN ATTACHEMENT**  
[72] DUPAY, Steven C., US  
[72] SCHUTT, Randy L., US  
[71] HOLLAND HITCH COMPANY, US  
[22] 1998-09-29  
[43] 1999-04-16  
[30] US (08/951,250) 1997-10-16

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[21] **2,246,171**  
[13] A1  
[51] **Int.Cl. 6G07G 1/14 6H04L 29/02**  
[25] EN  
[54] **POINT-OF-SALE SYSTEM INCLUDING ISOLATION LAYER BETWEEN CLIENT AND SERVER SOFTWARE**  
[54] **SYSTEME DE POINT DE VENTE COMPORTANT UNE COUCHE D'ISOLEMENT ENTRE LE LOGICIEL CLIENT ET LE LOGICIEL SERVEUR**  
[72] GOODWIN, John C., III, US  
[71] NCR CORPORATION, US  
[22] 1998-08-31  
[43] 1999-04-14  
[30] US (08/949,410) 1997-10-14

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[21] **2,246,644**  
[13] A1

[51] **Int.Cl. 6C07C 327/08**  
[25] FR  
[54] **PROCEDE DE STABILISATION DE L'ACIDE THIOACETIQUE**  
[54] **STABILIZATION PROCESS FOR THIOACETIC ACID**  
[72] LABAT, Yves, FR  
[72] MONGUILLON, Bernard, FR  
[71] ELF ATOCHEM S.A., FR  
[22] 1998-10-06  
[43] 1999-04-15  
[30] FR (97 12 898) 1997-10-15

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[21] **2,246,647**  
[13] A1

[51] **Int.Cl. 6C07C 311/03 6C25B 3/00 6C07C 303/44**  
[25] FR  
[54] **DESSALEMENT DE SOLUTIONS AQUEUSES DE SULFONAMIDES**  
[54] **DESALTING OF AQUEOUS SULFONAMIDE SOLUTIONS**  
[72] LAURANSON, Didier, FR  
[72] GANCET, Christian, FR  
[72] PERIE, Frédéric, FR  
[71] ELF ATOCHEM S.A., FR  
[22] 1998-10-05  
[43] 1999-04-15  
[30] FR (97 12 901) 1997-10-15

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[21] **2,246,745**  
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04M 11/06 6H04L 12/12**  
[25] EN  
[54] **DEVICE AND METHOD FOR ESTABLISHING A CALL CONNECTION**  
[54] **DISPOSITIF ET METHODE D'ETABLISSEMENT DE COMMUNICATIONS**  
[72] SIENEL, Jürgen, DE  
[72] KOPP, Dieter, DE  
[71] ALCATEL, FR  
[22] 1998-10-06  
[43] 1999-04-17  
[30] DE (197 45 961.7) 1997-10-17

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[21] **2,246,882**  
[13] A1

[51] **Int.Cl. 6A47F 7/17 6B65H 16/06**  
[25] EN  
[54] **MODULAR FLOOR RUNNER DISPLAY RACK WITH RUNNER CLAMPING AND CUTTING GUIDE ASSEMBLY**  
[54] **DEVIDOIR MODULAIRE A ROULEAU DE REVETEMENT DE SOL MUNI D'UN DISPOSITIF DE SERRAGE DU GUIDE DE COUPE**  
[72] ERDMAN, Derek, CA  
[72] ABDULLAH, Tariq, CA  
[72] MAISELS, Andrew, CA  
[71] MULTY INDUSTRIES INC., CA  
[22] 1998-09-09  
[43] 1999-04-16  
[30] US (08/951,545) 1997-10-16

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[21] **2,246,990**  
[13] A1

[51] **Int.Cl. 6B23P 19/04**  
[25] EN  
[54] **IMPROVED SPRING COMPRESSOR**  
[54] **OUTIL DE COMPRESSION DE RESSORT**  
[72] AMSTUTZ, Peter, CA  
[71] AMSTUTZ, Peter, CA  
[22] 1998-09-11  
[43] 1999-04-14  
[30] US (08/950,132) 1997-10-14

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[21] **2,247,310**  
[13] A1

[51] **Int.Cl. 6F16L 55/30 6F16L 55/40**  
[25] FR  
[54] **METHODE ET SYSTEME DE MESURE DANS UN CONDUIT HORIZONTAL**  
[54] **METHOD AND SYSTEM OF MEASUREMENT IN A HORIZONTAL PIPE**  
[72] WITTRISCH, Christian, FR  
[71] INSTITUT FRANÇAIS DU PÉTROLE, FR  
[22] 1998-10-08  
[43] 1999-04-13  
[30] FR (97 12 870) 1997-10-13

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[21] **2,247,599**  
[13] A1

[51] **Int.Cl. 6E21B 10/50**  
[25] EN  
[54] **ROCK BIT HARDMETAL OVERLAY AND PROCESS OF MANUFACTURE**  
[54] **ELEMENT D'OUTIL DE FORAGE A REVETEMENT EN METAL DUR ET PROCEDE DE FABRICATION**  
[72] SRESHTA, Harold A., US  
[72] DRAKE, Eric F., US  
[71] CAMCO INTERNATIONAL INC., US  
[22] 1998-09-17  
[43] 1999-04-14  
[30] US (08/950,286) 1997-10-14

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[21] **2,247,607**  
[13] A1

[51] **Int.Cl. 6C08K 9/12 6C08K 3/34 6C01B 33/44**  
[25] EN  
[54] **INTERCALATES AND EXFOLIATES FORMED WITH N-ALKENYL AMIDES AND/OR ACRYLATE-FUNCTIONAL PYRROLIDONE AND ALLYLIC MONOMERS, OLIGOMERS AND/OR COPOLYMERS AND COMPOSITE MATERIALS CONTAINING SAME**  
[54] **ELEMENTS INTERCALANTS ET ELEMENTS EXFOLIANTS FORMES A PARTIR D'AMIDES N-ALKYLES ET/OU DE PYRROLIDONE A FONCTION ACRYLATE ET DE MONOMERES ALLYLIQUES, D'OLIGOMERES ET/OU DE COPOLYMERES, ET COMPOSITES RENFERMANT CES ELEMENTS**  
[72] TSIPURSKY, Semeon, US  
[72] BEALL, Gary W., US  
[72] VINOKOUR, Elena I., US  
[71] AMCOL INTERNATIONAL CORPORATION, US  
[22] 1998-09-17  
[43] 1999-04-15  
[30] US (08/951,094) 1997-10-15

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[21] **2,247,609**  
[13] A1  
[51] **Int.Cl. 6C07C 31/38 6C07C 29/44**  
[25] EN  
[54] **PROCESS FOR PREPARING PENTAFLUOROPENTANOL**  
[54] **METHODE DE PREPARATION DE PENTAFLUOROPENTANOL**  
[72] ROCK, Michael-Harold, DK  
[72] MARHOLD, Albrecht, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1998-09-17  
[43] 1999-04-14  
[30] DE (19745374.0) 1997-10-14  
[30] DE (19748775.0) 1997-11-05

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[21] **2,247,631**  
[13] A1  
[51] **Int.Cl. 6E03D 1/30 6F16K 31/145**  
[25] EN  
[54] **FLUSH VALVE REFILL RING**  
[54] **GARNITURE POUR ROBINET DE CHASSE**  
[72] WILSON, John R., US  
[71] SLOAN VALVE COMPANY, US  
[22] 1998-09-17  
[43] 1999-04-14  
[30] US (08/949513) 1997-10-14

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[21] **2,247,635**  
[13] A1  
[51] **Int.Cl. 6B64C 19/00 6B64D 11/00 6B64C 1/14**  
[25] EN  
[54] **ENGINE PARAMETER ACTIVATED AIRPLANE EXIT LOCKING SYSTEM**  
[54] **SYSTEME DE VERROUILLAGE D'ISSUES D'AERONEF ACTIONNE EN FONCTION DES PARAMETRES DES MOTEURS**  
[72] BROUWER, Todd B., US  
[72] SONG, Taiboo, US  
[72] HAM, Donald E., US  
[71] THE BOEING COMPANY, US  
[22] 1998-09-17  
[43] 1999-04-15  
[30] US (08/951,441) 1997-10-15

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[21] **2,247,667**  
[13] A1  
[51] **Int.Cl. 6H01B 11/22 6H01B 7/18**  
[25] FR  
[54] **TIGE RENFORCEE EN MATERIAU COMPOSITE**  
[54] **REINFORCED COMPOSITE MATERIAL LINE**  
[72] WITTRISCH, Christian, FR  
[71] INSTITUT FRANÇAIS DU PÉTROLE, FR  
[22] 1998-10-08  
[43] 1999-04-13  
[30] FR (97 12 868) 1997-10-13

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[21] **2,247,689**  
[13] A1  
[51] **Int.Cl. 6A63C 11/22 6A63B 71/14**  
[25] EN  
[54] **MEANS FOR FASTENING THE HAND TO A SKI POLE**  
[54] **DISPOSITIF MAINTENANT LA MAIN SOLIDEMENT AGRIPPEE A UN BATON DE SKI**  
[72] MANNINEN, Taisto, FI  
[71] EXEL OY, FI  
[22] 1998-09-21  
[43] 1999-04-13  
[30] FI (973940) 1997-10-13

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[21] **2,247,693**  
[13] A1  
[51] **Int.Cl. 6E21B 43/22**  
[25] EN  
[54] **CHEMICALLY INDUCED STIMULATION OF SUBTERRANEAN CARBONACEOUS FORMATIONS WITH GASEOUS OXIDANTS**  
[54] **STIMULATION DE FORMATIONS SOUTERRAINES CARBONEES AVEC DES OXYDANTS GAZEUX**  
[72] RIESE, Walter C., US  
[72] BROSS, Stephen V., US  
[71] VASTAR RESOURCES, INC., US  
[22] 1998-09-21  
[43] 1999-04-16  
[30] US (08/951,719) 1997-10-16

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[21] **2,247,739**  
[13] A1  
[51] **Int.Cl. 6B05C 17/01 6A61C 1/18**  
[25] EN  
[54] **HAND DEVICE FOR APPLYING A VISCOUS FLUID**  
[54] **DISPOSITIF MANUEL POUR L'APPLICATION D'UN FLUIDE VISQUEUX**  
[72] ZWINGENBERGER, Arthur, CH  
[71] ZWINGENBERGER, Arthur, CH  
[22] 1998-09-22  
[43] 1999-04-15  
[30] DE (197 45 567.0) 1997-10-15

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[21] **2,247,801**  
[13] A1  
[51] **Int.Cl. 6B05C 17/01 6A61C 5/04 6A61C 13/20**  
[25] EN  
[54] **APPARATUS FOR MIXING AND APPLYING A MULTICOMPONENT MOLDING MASS**  
[54] **APPAREIL SERVANT A MELANGER ET A APPLIQUER UNE MATIERE DE MOULAGE COMPOSITE**  
[72] ZWINGENBERGER, Arthur, CH  
[71] ZWINGENBERGER, Arthur, CH  
[22] 1998-09-22  
[43] 1999-04-15  
[30] DE (197 45 614.6) 1997-10-15

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[21] **2,247,965**  
[13] A1  
[51] **Int.Cl. 6A23C 19/068**  
[25] EN  
[54] **CHEESE MOLDER/CHILLER WITH CLOSED WATER CYCLE**  
[54] **MOULE/REFROIDISSEUR DE FROMAGE A CYCLE D'EAU FERME**  
[72] WESTBY, Ken, US  
[72] NESHEIM, Gary, US  
[72] NELLES, Peter, US  
[72] BROGAN, Edward, US  
[72] BRENNAN, Sullivan, US  
[71] JOHNSON/NELLES CORPORATION, US  
[22] 1998-10-08  
[43] 1999-04-15  
[30] US (08/950,846) 1997-10-15



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[21] **2,248,067**  
[13] A1

[51] **Int.Cl. 6B01J 8/22 6C07C 1/04**  
[25] EN  
[54] **REACTOR FOR CHEMICAL REACTIONS IN TRIPHASIC SYSTEMS**  
[54] **REACTEUR POUR REACTIONS CHIMIQUES DANS DES SYSTEMES TRIPHASIQUES**  
[72] PICCOLO, Vincenzo, IT  
[72] BELMONTE, Giuseppe, IT  
[71] AGIP PETROLI S.p.A., IT  
[71] INSTITUT FRANÇAIS DU PÉTROLE, FR  
[22] 1998-10-13  
[43] 1999-04-14  
[30] IT (MI97A 002315) 1997-10-14

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[21] **2,248,235**  
[13] A1

[51] **Int.Cl. 6A61K 7/32 6A61K 7/40 6A61K 7/48 6A61K 35/78**  
[25] FR  
[54] **UTILISATION DU MIEL EN TANT QU'AGENT DIMINUANT L'ADHESION DES MICRO-ORGANISMES**  
[54] **USE OF HONEY AS AN AGENT TO REDUCE THE ADHESION OF MICRO-ORGANISMS**  
[72] PINEAU, Nathalie, FR  
[72] BRETON, Lionel, FR  
[71] L'ORÉAL, FR  
[22] 1998-10-09  
[43] 1999-04-13  
[30] FR (97 12 770) 1997-10-13

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[21] **2,248,236**  
[13] A1

[51] **Int.Cl. 6B01J 27/053 6C10G 35/09 6C10G 47/14 6C10G 45/40 6B01J 23/42**  
[25] FR  
[54] **CATALYSEUR ACIDE A BASE DE ZIRCONÉ SULFATEE ET SES UTILISATIONS**  
[54] **SULPHATED-ZIRCONIA-BASED ACID CATALYST AND ITS USES**  
[72] NASCIMENTO, Pedro, FR  
[72] MILAN, Alain, FR  
[72] DECKER, Sébastien, FR  
[72] SZABO, Georges, FR  
[71] TOTAL RAFFINAGE DISTRIBUTION S.A., FR  
[22] 1998-10-09  
[43] 1999-04-13  
[30] FR (97 12 762) 1997-10-13

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[21] **2,248,238**  
[13] A1

[51] **Int.Cl. 6F16L 55/30**  
[25] FR  
[54] **METHODE ET SYSTEME DE MESURE COMPORTANT UNE EXTENSION SEMI-RIGIDE**  
[54] **METHOD AND MEASURING SYSTEM COMPRISING A SEMI-RIGID EXTENSION**  
[72] WITTRISCH, Christian, FR  
[71] INSTITUT FRANÇAIS DU PÉTROLE, FR  
[22] 1998-10-08  
[43] 1999-04-13  
[30] FR (97 12 869) 1997-10-13

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[21] **2,248,241**  
[13] A1

[51] **Int.Cl. 6A61K 7/075**  
[25] EN  
[54] **USE OF CATIONIC COPOLYMERS OF UNSATURATED ACIDS AND N-VINYLMIDAZOLIUM SALTS IN COSMETIC HAIR FORMULATIONS**  
[54] **UTILISATION DE COPOLYMERES CATIONIQUES D'ACIDES INSATURES ET DE SELS DE N-VINYLMIDAZOLIUM DANS DES FORMULATIONS COSMETIQUES POUR LES CHEVEUX**  
[72] SANNER, Axel, XX  
[72] HOSSEL, Peter, DE  
[72] DIEING, Reinhold, DE  
[71] SANNER, Axel, XX  
[71] HOSSEL, Peter, DE  
[71] DIEING, Reinhold, DE  
[22] 1998-10-08  
[43] 1999-04-16  
[30] DE (197 45 637.5) 1997-10-16

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[21] **2,248,323**  
[13] A1

[51] **Int.Cl. 6B41F 21/00 6B41F 17/00 6B65G 49/00 6B65G 33/04 6B65G 35/06**  
[25] EN  
[54] **APPARATUS AND METHOD OF DECORATING ARTICLES**  
[54] **PROCEDE ET DISPOSITIF DE DECORATION D'ARTICLES**  
[72] STEFFEN, Volker, DE  
[72] HELLMER, Joachim, DE  
[71] WERNER KAMMANN MASCHINEN-FABRIK GMBH, DE  
[22] 1998-09-22  
[43] 1999-04-14  
[30] DE (197 45 313.9) 1997-10-14

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[21] **2,248,386**  
[13] A1

[51] **Int.Cl. 6B67D 5/06 6B67D 5/34**  
[25] EN  
[54] **LIQUID DISPENSING APPARATUS AND METHOD**  
[54] **DISPOSITIF DE DISTRIBUTION DE LIQUIDE**  
[72] ROBERTS, Benjamin R., US  
[72] POZNIAK, Peter M., US  
[71] THE BOC GROUP, INC., US  
[22] 1998-09-25  
[43] 1999-04-14  
[30] US (08/950,150) 1997-10-14

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[21] **2,248,445**  
[13] A1

[51] **Int.Cl. 6H04L 9/18 6H04L 9/12**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DECRYPTION IN THE SYMBOL DOMAIN**  
[54] **SYSTEME ET METHODE DE DECRYPTAGE DANS LE DOMAINE SYMBOLIQUE**  
[72] HUI, Yan, CA  
[72] MANN, Karl D., CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1998-09-25  
[43] 1999-04-17  
[30] US (08/953, 763) 1997-10-17

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[21] **2,248,611**  
[13] A1

[51] **Int.Cl. 6C01G 30/02 6C09C 1/04**  
[25] EN  
[54] **ANHYDROUS ZINC ANTIMONATE SOL AND METHOD FOR PRODUCING THE SAME**  
[54] **SOL DE ZINC ANTIMONIQUE ANHYDRE ET METHODE DE PRODUCTION**  
[72] TANEGASHIMA, Osamu, JP  
[72] WATANABE, Yoshitane, JP  
[71] NISSAN CHEMICAL INDUSTRIES, LTD., JP  
[22] 1998-10-14  
[43] 1999-04-16  
[30] JP (HEI 9-283664) 1997-10-16

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[21] **2,248,661**  
[13] A1  
[51] **Int.Cl. 6C08F 8/00 6C10M 145/02 6C10M 149/02 6C10M 151/02 6C10L 1/18 6C10L 1/22 6C10L 1/24**  
[25] EN  
[54] **FUNCTIONALIZED OLEFIN COPOLYMER ADDITIVES**  
[54] **ADDITIFS A BASE DE COPOLYMERES D'OLEFINE, PRESENTANT DES PROPRIETES PARTICULIERES**  
[72] ROLLIN, Anthony J., US  
[72] ESCHER, Carl Kurt Jr., US  
[72] DEVLIN, Mark Thomas, US  
[71] ETHYL CORPORATION, US  
[22] 1998-09-24  
[43] 1999-04-15  
[30] US (950,871) 1997-10-15

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[21] **2,248,693**  
[13] A1  
[51] **Int.Cl. 6A41C 1/02**  
[25] EN  
[54] **GIRDLE FOR TIGHTS, SUBSTANTIALLY THE REGION THAT CONSTITUTES THE PANTY, FORMED BY A TUCK-STITCH MESH, SO AS TO GIVE THE MESH A HIGH RELIEF EFFECT WITH ALTERNATING UNDULATIONS**  
[54] **GAINÉ EN TRICOT A MAILLES CHARGÉES POUR COLLANTS**  
[72] PINELLI, Enzo, IT  
[71] CALZIFICIO PINELLI S.R.L., IT  
[22] 1998-09-23  
[43] 1999-04-14  
[30] IT (MI97A002320) 1997-10-14

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[21] **2,248,726**  
[13] A1  
[51] **Int.Cl. 6H04M 3/42**  
[25] EN  
[54] **METHOD AND DEVICE FOR VARIABLE, CURRENT RATE SIGNALLING OF IN-BASED VALUE-ADDED SERVICES**  
[54] **METHODE ET DISPOSITIF PERMETTANT DE COMMUNIQUER PAR SIGNALISATION LES TARIFS DE SERVICES A VALEUR AJOUTEE DE TYPE IN A TARIFICATION VARIABLE**  
[72] LAUTENSCHLAGER, Wolfgang, DE  
[72] STAHL, Uwe, DE  
[71] ALCATEL, FR  
[22] 1998-10-14  
[43] 1999-04-15  
[30] DE (197 45 437.2) 1997-10-15

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[21] **2,248,746**  
[13] A1  
[51] **Int.Cl. 6H02J 7/00**  
[25] EN  
[54] **MODE SELECTION CIRCUIT FOR A BATTERY AND METHOD OF OPERATION THEREOF**  
[54] **CIRCUIT DE SELECTION DE MODE DESTINE A UNE BATTERIE ET METHODE D'UTILISATION**  
[72] JACOBS, Mark Elliott, US  
[72] CHALASANI, Subhas Chandra Bose, US  
[72] THOTTUVELIL, Vijayan Joseph, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-09-29  
[43] 1999-04-15  
[30] US (08/950,642) 1997-10-15

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[21] **2,248,779**  
[13] A1  
[51] **Int.Cl. 6A23L 1/09 6A23G 1/00 6A23G 3/00**  
[25] FR  
[54] **PRODUIT HYDROPHOBE A BASE DE SACCHAROSE**  
[54] **SACCHAROSE-BASED HYDROPHOBIC PRODUCT**  
[72] MARIE-PERSYN, Françoise, FR  
[71] SAINT-LOUIS SUCRE S.A., FR  
[22] 1998-10-09  
[43] 1999-04-13  
[30] FR (97 12 767) 1997-10-13

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[21] **2,248,791**  
[13] A1  
[51] **Int.Cl. 6B01F 17/00 6A01N 25/04**  
[25] EN  
[54] **INCREASED SOLUBILITY OF WATER SOLUBLE COMPOUNDS**  
[54] **SOLUBILITE ACCRUE DE COMPOSES HYDROSOLUBLES**  
[72] FINCH, Charles W., US  
[71] BASF CORPORATION, US  
[22] 1998-10-15  
[43] 1999-04-16  
[30] US (08/951,919) 1997-10-16

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[21] **2,248,882**  
[13] A1  
[51] **Int.Cl. 6C10G 65/02**  
[25] FR  
[54] **PROCEDE DE CONVERSION DE FRACTIONS LOURDES PETROLIERES COMPRENANT UNE ETAPE D'HYDROCONVERSION EN LIT BOUILLONNANT ET UNE ETAPE D'HYDROTRAITEMENT**  
[54] **PROCEDURE FOR THE CONVERSION OF HEAVY PETROLEUM FRACTIONS AND CONSISTING OF AN EBULLATING-BED CONVERSION STAGE AND A HYDROPROCESSING STAGE**  
[72] DUEE, Didier, FR  
[72] DUPLAN, Jean-Luc, FR  
[72] KRESSMANN, Stéphane, FR  
[72] BIGEARD, Pierre-Henri, FR  
[72] MOREL, Frédéric, FR  
[71] INSTITUT FRANÇAIS DU PETROLE, FR  
[22] 1998-10-13  
[43] 1999-04-14  
[30] FR (97 13 010) 1997-10-14

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[21] **2,248,883**  
[13] A1  
[51] **Int.Cl. 6H04B 10/18**  
[25] FR  
[54] **REPARATION DE SYSTEMES SOUS-MARINS DE TRANSMISSION A FIBRE OPTIQUE A SIGNAUX SOLITONS ET A MULTIPLEXAGE DE LONGUEUR D'ONDE**  
[54] **REPAIR OF SUBMARINE SYSTEMS FOR TRANSMITTING SOLITON SIGNALS VIA OPTICAL FIBRE WITH WAVELENGTH-DIVISION MULTIPLEXING**  
[72] LECLERC, Olivier, FR  
[71] ALCATEL, FR  
[22] 1998-10-15  
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[21] **2,248,890**  
[13] A1

[51] **Int.Cl. 6H04J 14/02 6H04B 10/12**  
[25] FR  
[54] **SYSTEMES DE TRANSMISSION A FIBRE OPTIQUE A SIGNAUX SOLITONS ET A MULTIPLEXAGE DE LONGUEUR D'ONDE**  
[54] **SYSTEM FOR TRANSMITTING SOLITON SIGNALS VIA OPTICAL FIBRE WITH WAVELENGTH-DIVISION MULTIPLEXING**  
[72] LECLERC, Olivier, FR  
[72] BRINDEL, Patrick, FR  
[71] ALCATEL, FR  
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[21] **2,248,915**  
[13] A1

[51] **Int.Cl. 6H04L 29/02 6H04B 10/20 6H04L 12/24**  
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[54] **LIAISON DE DONNEES SIMPLIFIEE**  
[72] ANDERSON, Jon, US  
[72] MANCHESTER, James S., US  
[72] DOSHI, Bharat Tarachand, US  
[72] HERNANDEZ-VALENCIA, Enrique, US  
[72] DRAVIDA, Subrahmanyam, US  
[72] KRISHNASWAMY, Murali, US  
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[43] 1999-04-11  
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[25] EN  
[54] **A PROCESS FOR THE PRODUCTION TITANIUM CONCENTRATE HAVING A CHEMICAL COMPOSITION SIMILAR TO ILMENITE FROM HIGHLY IMPURE ANATASE ORES**  
[54] **PROCEDE DE PRODUCTION DE CONCENTRE DE TITANE AYANT UNE COMPOSITION CHIMIQUE SIMILAIRE A CELLE DE L'ILMENITE, A PARTIR DE MINERAIS D'ANATASE TRES IMPUR**  
[72] DE MATOS, Marcelo, BR  
[72] DE MOREIRA HORTA, Ronaldo, BR  
[72] RODRIGUES DE FREITAS, Lino, BR  
[71] COMPANHIA VALE DO RIO DOCE, BR  
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[43] 1999-04-17  
[30] BR (PI 9704435-0) 1997-10-17

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[21] **2,249,019**  
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[51] **Int.Cl. 6C07C 11/06 6C07C 6/04 6C07C 7/04**  
[25] EN  
[54] **PREPARATION OF PROPENE**  
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[72] SCHWAB, Peter, DE  
[72] SCHULZ, Michael, DE  
[71] SCHWAB, Peter, DE  
[71] SCHULZ, Michael, DE  
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[43] 1999-04-17  
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[21] **2,249,034**  
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04L 12/18**  
[25] EN  
[54] **SYSTEM AND METHOD FOR USING A WINDOW MECHANISM TO CONTROL MULTICAST DATA CONGESTION**  
[54] **SYSTEME ET METHODE PERMETTANT D'UTILISER UN MECANISME DE FENETRAGE POUR CONTROLER L'ENCOMBREMENT DANS LES TRANSMISSIONS DE DONNEES MULTIDESTINATAIRE**  
[72] SABNANI, Krishan Kumar, US  
[72] GOLESTANI, S. Jamaloddin, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-09-29  
[43] 1999-04-14  
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[13] A1

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[25] EN  
[54] **DYNAMIC AND SMART SPREADING FOR WIDEBAND CDMA**  
[54] **ETALEMENT DYNAMIQUE ET INTELLIGENT POUR SYSTEME D'EMISSION A LARGE BANDE ET A ACCES MULTIPLE PAR CODE DE REPARTITION**  
[72] KUO, Wen-Yi, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-09-29  
[43] 1999-04-17  
[30] US (08/953,592) 1997-10-17

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[21] **2,249,120**  
[13] A1

[51] **Int.Cl. 6A47L 15/44 6D06F 39/02**  
[25] EN  
[54] **INJECTION MOLDED CONTAINER FOR DETERGENTS**  
[54] **CONTENANT A DETERGENT, MOULE PAR INJECTION**  
[72] LIVINGSTON, James Wesley, US  
[72] WRIGHT, Donald, CA  
[72] MCNAMARA, Clifford F., US  
[72] BELLON, Tiziano J., NL  
[72] MESSAMER, Charles Alan, US  
[72] ANDERSON, Patricia, US  
[71] UNILEVER PLC, GB  
[22] 1998-10-01  
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[13] A1

[51] **Int.Cl. 6B65B 5/00**  
[25] EN  
[54] **CONTAINER FILLING MACHINE**  
[54] **MACHINE A EMPLIR DES CONTENANTS**  
[72] WILD, Hans-Peter, DE  
[72] KRAFT, Eberhard, DE  
[71] INDAG GESELLSCHAFT FÜR INDUSTRIEBEDARF M.B.H., DE  
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[13] A1  
[51] **Int.Cl. 6B65B 5/00 6B65B 5/06 6B65B 35/30**  
[25] EN  
[54] **PORTIONING APPARATUS**  
[54] **PORTIONNEUSE**  
[72] WILD, Hans-Peter, DE  
[72] KRAFT, Eberhard, DE  
[71] INDAG GESELLSCHAFT FÜR INDUSTRIEBEDARF M.B.H., DE  
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[21] **2,249,178**  
[13] A1  
[51] **Int.Cl. 6B65B 61/00**  
[25] EN  
[54] **STRAW ATTACHING APPARATUS**  
[54] **DISPOSITIF DE COLLAGE DE PAILLES**  
[72] WILD, Hans-Peter, DE  
[72] KRAFT, Eberhard, DE  
[71] INDAG GESELLSCHAFT FÜR INDUSTRIEBEDARF M.B.H., DE  
[22] 1998-10-05  
[43] 1999-04-16  
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[13] A1  
[51] **Int.Cl. 6G01V 5/08 6E21B 49/00 6G01V 8/10**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MONITORING MINERAL PRODUCTION**  
[54] **PROCEDE ET DISPOSITIF DE CONTROLE DE L'EVOLUTION D'UN GISEMENT**  
[72] ARONSTAM, Peter S., US  
[71] WESTERN ATLAS INTERNATIONAL, INC., US  
[22] 1998-10-05  
[43] 1999-04-14  
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[13] A1  
[51] **Int.Cl. 6B60G 17/08 6B60G 17/005 6B62D 5/06 6B66F 9/06**  
[25] EN  
[54] **STRUCTURE FOR SUPPORTING FLUID PRESSURE CYLINDERS USED TO CONTROL PIVOTING OF VEHICLES AXLES**  
[54] **STRUCTURE DE SUPPORT DES VERINS HYDRAULIQUES UTILISES POUR COMMANDER LE PIVOTEMENT DES ESSIEUX DE VEHICULES**  
[72] NIWA, Yasuhiro, JP  
[72] ISHIKAWA, Kazuo, JP  
[71] KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, JP  
[22] 1998-10-01  
[43] 1999-04-15  
[30] JP (9-282011) 1997-10-15

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[21] **2,249,669**  
[13] A1  
[51] **Int.Cl. 6G03D 13/00 6G03B 27/00**  
[25] EN  
[54] **PHOTO LAB WITH TRANSPORT ARRANGEMENT**  
[54] **LABORATOIRE DE PHOTOMECA-NIQUE AVEC INSTALLATION DE TRANSPORT**  
[72] WACKER, Rudolf, CH  
[72] HELLER, Martin, CH  
[72] KNECHT, Hugo, CH  
[71] GRETAG IMAGING AG, CH  
[22] 1998-10-05  
[43] 1999-04-13  
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[21] **2,249,671**  
[13] A1  
[51] **Int.Cl. 6G07B 17/00**  
[25] EN  
[54] **POSTAL CANCELLATION MACHINE**  
[54] **OBLITERATEUR POSTAL**  
[72] YAP, Anthony E., US  
[72] SALOMON, James A., US  
[71] PITNEY BOWES INC., US  
[22] 1998-10-05  
[43] 1999-04-13  
[30] US (08/943,405) 1997-10-13

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[21] **2,249,676**  
[13] A1  
[51] **Int.Cl. 6G06K 11/18**  
[25] EN  
[54] **MOUSE PAD**  
[54] **TAPIS-SUPPORT DE SOURIS**  
[72] ELDRIDGE, Patrick, CA  
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[22] 1998-10-15  
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[21] **2,249,703**  
[13] A1  
[51] **Int.Cl. 6C23C 14/56 6F16L 21/00**  
[25] EN  
[54] **DEVICE FOR THE VACUUM-TIGHT CONNECTING OF TWO BODIES OF DIFFERENT MATERIALS**  
[54] **DISPOSITIF SERVANT A REALISER UNE CONNEXION ETANCHE ENTRE DEUX CORPS CONSTITUES DE MATERIAUX DIFFERENTS**  
[72] SCHULMANN, Winfried, DE  
[72] WENSKE, Udo, DE  
[72] KAISER, Helmut, DE  
[71] BALZERS UND LEYBOLD DEUTSCHLAND HOLDING AG, DE  
[22] 1998-10-07  
[43] 1999-04-13  
[30] DE (197 45 185.3) 1997-10-13

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[13] A1  
[51] **Int.Cl. 6H01R 13/115**  
[25] EN  
[54] **MULTI-CONTACT ELECTRICAL TERMINAL FOR ELECTRICAL RECEPTACLE ASSEMBLY**  
[54] **CONTACT A PLUSIEURS POINTS DE CONTACT POUR PRISE DE COURANT**  
[72] BONILLA, Nelson, US  
[72] VIGORITO, Thomas J., US  
[71] HUBBELL INCORPORATED, US  
[22] 1998-10-06  
[43] 1999-04-17  
[30] US (08/953,451) 1997-10-17

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[13] A1

[51] **Int.Cl. 6H01R 13/506**  
[25] EN  
[54] **ELECTRICAL RECEPTACLE ASSEMBLY WITH MULTIPLE SITES OF DUAL SNAP-FIT SECUREMENT MEANS**  
[54] **ENSEMBLE PRISE DE COURANT A PLUSIEURS MOYENS DE FIXATION A EMBOITEMENT DOUBLE**  
[72] VIGORITO, Thomas J., US  
[72] BONILLA, Nelson, US  
[71] HUBBELL INCORPORATED, US  
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[43] 1999-04-17  
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[21] **2,249,730**  
[13] A1

[51] **Int.Cl. 6B24D 7/00**  
[25] EN  
[54] **ABRASIVE WHEEL**  
[54] **MEULE ABRASIVE**  
[72] SCHNEIDER, Theodor, DE  
[72] STUCKENHOLZ, Bernd, DE  
[72] GENAU, Claus, DE  
[71] AUGUST RÜGGEBERG GMBH & CO, DE  
[22] 1998-10-06  
[43] 1999-04-16  
[30] DE (197 45 709.6) 1997-10-16  
[30] DE (198 28 357.1) 1998-06-25

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[13] A1

[51] **Int.Cl. 6C09K 17/14 6B09C 1/02**  
[25] EN  
[54] **SURFACTANT-ASSISTED SOIL REMEDIATION**  
[54] **REGENERATION DES SOLS, FACILITEE PAR UN TENSIOACTIF**  
[72] JAHNKE, Richard W., US  
[72] GRISSO, Bryan A., US  
[71] THE LUBRIZOL CORPORATION, US  
[22] 1998-10-07  
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[13] A1

[51] **Int.Cl. 6C08J 5/18 6B29C 55/12**  
[25] EN  
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[54] **PELLICULES DE POLYESTER A ORIENTATION BIAZIALE ET METHODES DE PRODUCTION**  
[72] ASAKURA, Masayoshi, JP  
[72] TSUNEKAWA, Tetsuya, JP  
[72] ETOU, Kenichi, JP  
[71] TORAY INDUSTRIES, INC., JP  
[22] 1998-10-07  
[43] 1999-04-14  
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[13] A1

[51] **Int.Cl. 6H02J 7/14**  
[25] EN  
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[54] **DISPOSITIF DE REGULATION POUR BATTERIE SECONDAIRE**  
[72] NAKANISHI, Toshiaki, JP  
[72] KIKUCHI, Yoshiaki, JP  
[72] KIMURA, Tadao, JP  
[72] ASAKAWA, Fumihiko, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
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[13] A1

[51] **Int.Cl. 6G01F 1/34**  
[25] EN  
[54] **FLUID PRESSURE DETECTOR AND AIR FLOW RATE MEASURING APPARATUS USING SAME**  
[54] **CAPTEUR DE PRESSION DE FLUIDE ET APPAREIL DE MESURE DU DEBIT D'AIR COMPRENANT UN TEL CAPTEUR**  
[72] YAMAMOTO, Yasuo, JP  
[71] WETMASTER CO., LTD., JP  
[22] 1998-10-08  
[43] 1999-04-16  
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[30] JP (09-297933) 1997-10-16  
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[51] **Int.Cl. 6H04L 12/46 6H04Q 7/22 6H04Q 7/38 6H04L 12/56**  
[25] EN  
[54] **MESSAGE AND COMMUNICATION SYSTEM IN NETWORK**  
[54] **SYSTEME DE MESSAGERIE ET DE COMMUNICATION INCORPORE A UN RESEAU**  
[72] RAI, Girish, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-10-08  
[43] 1999-04-14  
[30] US (60/061,915) 1997-10-14  
[30] US (09/138,677) 1998-08-24

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[21] **2,249,818**  
[13] A1

[51] **Int.Cl. 6H04Q 7/38 6H04L 12/28**  
[25] EN  
[54] **METHOD FOR ACCESS CONTROL IN A MULTIPLE ACCESS SYSTEM FOR COMMUNICATIONS NETWORKS**  
[54] **METHODE DE CONTROLE D'ACCES POUR SYSTEME A ACCES MULTIPLE DE RESEAU DE COMMUNICATION**  
[72] CHUAH, Mooi Choo, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-10-08  
[43] 1999-04-14  
[30] US (60/061,790) 1997-10-14  
[30] US (60/077,741) 1998-03-12  
[30] US (09/084,072) 1998-05-22

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[13] A1

[51] **Int.Cl. 6H04Q 7/38 6H04L 12/28**  
[25] EN  
[54] **METHOD FOR ADMITTING NEW CONNECTIONS BASED ON USAGE AND PRIORITIES IN A MULTIPLE ACCESS SYSTEM FOR COMMUNICATIONS NETWORKS**  
[54] **METHODE D'ACCEPTATION DE NOUVELLES CONNEXIONS BASEE SUR L'USAGE ET LES PRIORITES DANS UN SYSTEME A ACCES MULTIPLE POUR RESEAUX DE COMMUNICATION**  
[72] CHUAH, Mooi Choo, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-10-08  
[43] 1999-04-14  
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[30] US (60/077,741) 1998-03-12  
[30] US (09/083,792) 1998-05-22

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[13] A1  
[51] **Int.Cl. 6H01F 30/06**  
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[54] **MONTAGE DE COMPOSANTS MAGNETIQUES**  
[72] MURTON, Robert G., GB  
[72] WALKER, Donald E., GB  
[72] ROWLEY, Anna K., GB  
[71] SUN MICROSYSTEMS, INC., US  
[22] 1998-10-08  
[43] 1999-04-14  
[30] US (08/950,530) 1997-10-14

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[13] A1  
[51] **Int.Cl. 6F41B 11/02 6F41B 11/00**  
[25] EN  
[54] **MODEL GUN WITH AUTOMATIC BULLET SUPPLYING MECHANISM**  
[54] **IMITATION DE PISTOLET EQUIPE D'UN MECANISME AUTOMATIQUE D'ALIMENTATION EN PROJECTILES**  
[72] KUNIMOTO, Keiichi, JP  
[71] WESTERN ARMS, JP  
[22] 1998-10-08  
[43] 1999-04-16  
[30] JP (9-283567) 1997-10-16

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[13] A1  
[51] **Int.Cl. 6H04L 12/46 6H04Q 7/22 6H04Q 7/38**  
[25] EN  
[54] **INTER-WORKING FUNCTION SELECTION SYSTEM IN A NETWORK**  
[54] **SYSTEME DE SELECTION D'INSTALLATIONS D'INTERFONCTIONNEMENT INCORPORE A UN RESEAU**  
[72] RAI, Girish, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-10-08  
[43] 1999-04-14  
[30] US (60/061,915) 1997-10-14  
[30] US (09/138,905) 1998-08-24

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[13] A1  
[51] **Int.Cl. 6H04L 12/12 6H04Q 7/38 6H04L 12/46**  
[25] EN  
[54] **MOBILITY MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE MOBILITE**  
[72] CHUAH, Mooi Choo, US  
[72] RAI, Girish, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-10-08  
[43] 1999-04-14  
[30] US (60/061,915) 1997-10-14  
[30] US (09/138,536) 1998-08-24

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[13] A1  
[51] **Int.Cl. 6A61B 17/86 6A61B 17/58**  
[25] EN  
[54] **INTRA-ARTICULAR TENDON SLING FIXATION SCREW**  
[54] **VIS DE FIXATION DE TENDON INTRA-ARTICULAIRE**  
[72] FRAZIER, John K., US  
[71] FRAZIER, John K., US  
[22] 1998-10-08  
[43] 1999-04-14  
[30] US (08/949,368) 1997-10-14

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[13] A1  
[51] **Int.Cl. 6F16H 55/02 6G01P 1/00 6B60K 23/04 6B66F 9/06 6G01P 3/481**  
[25] EN  
[54] **SUPPORT STRUCTURE FOR ROTATION SPEED SENSORS**  
[54] **SUPPORT POUR CAPTEURS DE VITESSE DE ROTATION**  
[72] SHIMA, Hideaki, JP  
[72] ISHIKAWA, Kazuo, JP  
[71] KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, JP  
[22] 1998-10-08  
[43] 1999-04-14  
[30] JP (09-280493) 1997-10-14

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[13] A1  
[51] **Int.Cl. 6C22C 19/05 6C22F 1/10**  
[25] EN  
[54] **HOT WORKING HIGH-CHROMIUM ALLOY**  
[54] **TRAVAIL A CHAUD D'ALLIAGES A FORTE TENEUR EN NICKEL**  
[72] MANKINS, William Lawrence, US  
[72] SUAREZ, Francis Sardovia, US  
[72] CAMUS, Donald Edward, US  
[71] INCO ALLOYS INTERNATIONAL, INC., US  
[22] 1998-10-09  
[43] 1999-04-14  
[30] US (08/943,293) 1997-10-14  
[30] US (09/105,474) 1998-06-26

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[13] A1  
[51] **Int.Cl. 6H04L 12/14 6H04Q 7/22 6H04L 12/46**  
[25] EN  
[54] **ACCOUNTING SYSTEM IN A NETWORK**  
[54] **SYSTEME DE COMPTABILISATION INCORPORE A UN RESEAU**  
[72] RAI, Girish, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-10-08  
[43] 1999-04-14  
[30] US (60/061,915) 1997-10-14  
[30] US (09/138,682) 1998-08-24

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[13] A1  
[51] **Int.Cl. 6H04L 12/46 6H04L 29/06 6H04Q 7/22**  
[25] EN  
[54] **COMMUNICATIONS WITH PIER TO PIER PROTOCOL SERVER**  
[54] **ETABLISSEMENT DE COMMUNICATIONS AVEC UN SERVEUR PPP**  
[72] RAI, Girish, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-10-08  
[43] 1999-04-14  
[30] US (60/061,915) 1997-10-14  
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[13] A1

[51] **Int.Cl. 6H04L 12/46 6H04Q 7/22 6H04L 12/56**  
[25] EN  
[54] **IN SEQUENCE DELIVERY OF MESSAGES**  
[54] **TRANSMISSION SEQUENTIELLE DE MESSAGES**  
[72] RAI, Girish, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-10-08  
[43] 1999-04-14  
[30] US (60/061,915) 1997-10-14  
[30] US (09/138,680) 1998-08-24

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[13] A1

[51] **Int.Cl. 6H04L 29/06 6H04M 11/06 6H04Q 7/22 6H04L 12/40**  
[25] EN  
[54] **POINT-TO-POINT PROTOCOL ENCAPSULATION IN ETHERNET FRAME**  
[54] **ENCAPSULATION D'INFORMATIONS PPP DANS UN BLOC ETHERNET**  
[72] RAI, Girish, US  
[72] NER, Haim Shalom, US  
[72] FEDER, Peretz Moshes, US  
[71] LUCENT TECHNOLOGIES INC., US  
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[30] US (60/061,915) 1997-10-14  
[30] US (09/138,903) 1998-08-24

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[21] **2,249,840**  
[13] A1

[51] **Int.Cl. 6H04Q 7/38 6H04L 29/02**  
[25] EN  
[54] **METHOD FOR CONFLICT RESOLUTION IN A MULTIPLE ACCESS SYSTEM FOR COMMUNICATIONS NETWORKS**  
[54] **METHODE DE RESOLUTION DE CONFLITS DANS UN SYSTEME D'ACCES MULTIPLE DE RESEAU DE TELECOMMUNICATIONS**  
[72] CHUAH, Mooi Choo, US  
[71] LUCENT TECHNOLOGIES INC., US  
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[43] 1999-04-14  
[30] US (60/061,790) 1997-10-14  
[30] US (60/077,741) 1998-03-12  
[30] US (09/083,677) 1998-05-22

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[21] **2,249,857**  
[13] A1

[51] **Int.Cl. 6C07C 205/06 6C07C 201/08**  
[25] EN  
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[54] **PROCEDE ADIABATIQUE POUR LA PRODUCTION DE DINITROTOLUENE**  
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[72] WASTIAN, Dietmar, DE  
[72] SCHIEB, Thomas, DE  
[72] PIRKL, Hans-Georg, DE  
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[30] DE (19745119.5) 1997-10-13

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[13] A1

[51] **Int.Cl. 6H02M 7/538**  
[25] EN  
[54] **POWER SUPPLY CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE D'ALIMENTATION**  
[72] HUGHEY, Daniel C., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1998-10-08  
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[13] A1

[51] **Int.Cl. 6H04L 12/46 6H04Q 7/22**  
[25] EN  
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[54] **SCHEMA D'ENREGISTREMENT DE RESEAU**  
[72] RAI, Girish, US  
[71] LUCENT TECHNOLOGIES INC., US  
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[13] A1

[51] **Int.Cl. 6H04L 12/46 6H04Q 7/22 6H04L 12/24**  
[25] EN  
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[54] **SYSTEME D'ACHEMINEMENT OPTIMAL**  
[72] RAI, Girish, US  
[72] CHUAH, Mooi Choo, US  
[71] LUCENT TECHNOLOGIES INC., US  
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[30] US (60/061,915) 1997-10-14  
[30] US (09/138,683) 1998-08-24

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[21] **2,249,864**  
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04L 1/00 6H04Q 7/22 6H04L 12/24**  
[25] EN  
[54] **METHOD FOR OVERLOAD CONTROL IN A MULTIPLE ACCESS SYSTEM FOR COMMUNICATIONS NETWORKS**  
[54] **METHODE DE CONTROLE DE SURCHARGE D'UN SYSTEME D'ACCES MULTIPLE DE RESEAU DE TELECOMMUNICATIONS**  
[72] CHUAH, Mooi Choo, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-10-08  
[43] 1999-04-14  
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[30] US (60/077,741) 1998-03-12  
[30] US (09/083,759) 1998-05-22

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[21] **2,249,865**  
[13] A1

[51] **Int.Cl. 6H04Q 7/36 6H04L 12/56**  
[25] EN  
[54] **METHOD FOR BANDWIDTH SHARING IN A MULTIPLE ACCESS SYSTEM FOR COMMUNICATIONS NETWORKS**  
[54] **METHODE DE PARTAGE DE LARGEUR DE BANDE DANS UN SYSTEME D'ACCES MULTIPLE DE RESEAU DE TELECOMMUNICATIONS**  
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[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-10-08  
[43] 1999-04-14  
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[13] A1  
[51] Int.Cl. 6H04Q 7/38 6H04L 1/00  
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[25] EN  
[54] METHOD FOR ADMITTING NEW CONNECTIONS BASED ON MEASURED QUANTITIES IN A MULTIPLE ACCESS SYSTEM FOR COMMUNICATIONS NETWORKS  
[54] METHODE D'ACCEPTATION DE NOUVELLES CONNEXIONS BASEE SUR DES PARAMETRES MESURES DANS UN SYSTEME A ACCES MULTIPLE POUR RESEAUX DE COMMUNICATION  
[72] CHUAH, Mooi Choo, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-10-08  
[43] 1999-04-14  
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[30] US (60/077,741) 1998-03-12  
[30] US (09/083,762) 1998-05-22

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[13] A1  
[51] Int.Cl. 6H04Q 7/36 6H04L 29/06  
[25] EN  
[54] METHOD FOR ESTABLISHMENT OF THE POWER LEVEL FOR UPLINK DATA TRANSMISSION IN A MULTIPLE ACCESS SYSTEM FOR COMMUNICATIONS NETWORKS  
[54] METHODE D'ETABLISSEMENT DU NIVEAU DE PUISSANCE DE LA LIAISON DE DONNEES MONTANTE DANS UN SYSTEME D'ACCES MULTIPLE DE RESEAU DE TELECOMMUNICATIONS  
[72] CHUAH, Mooi Choo, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-10-08  
[43] 1999-04-14  
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[30] US (60/077,741) 1998-03-12  
[30] US (09/083,797) 1998-05-22

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[21] **2,249,881**  
[13] A1  
[51] Int.Cl. 6C22C 38/36 6B22F 1/00  
6B22F 5/00  
[25] EN  
[54] HIGH HARDNESS POWDER METALLURGY HIGH-SPEED STEEL ARTICLE  
[54] OBJET EN ACIER RAPIDE TRES HAUTE DURETE PRODUIT A PARTIR DE LA METALLURGIE DES POUDRES  
[72] STASKO, William, US  
[72] WOJCIESZYNSKI, Andrzej L., US  
[71] CRUCIBLE MATERIALS CORPORATION, US  
[22] 1998-10-08  
[43] 1999-04-14  
[30] US (08/949,497) 1997-10-14

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[13] A1  
[51] Int.Cl. 6B65B 25/00 6F17C 13/00  
6B65D 85/68  
[25] EN  
[54] METHOD OF PRODUCING A PACKAGE OF INTERNAL AND EXTERNAL STRUCTURES AND OF ITEMS OF EQUIPMENT, AND METHOD OF ON-SITE CONSTRUCTION USING SUCH A PACKAGE  
[54] METHODE DE PRODUCTION D'UN ENSEMBLE DE STRUCTURES INTERIEURE ET EXTERIEURE ET DE BIENS D'EQUIPEMENT, ET METHODE DE CONSTRUCTION SUR PLACE UTILISANT UN TEL ENSEMBLE  
[72] FAURE, Marcel, FR  
[72] LE CARPENTIER, Jean-Claude, FR  
[71] L'AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉD, FR  
[22] 1998-10-09  
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[13] A1  
[51] Int.Cl. 6C08L 23/06 6C08L 9/00  
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6C08K 5/06 6C08K 5/098 6C08K 5/10  
6C09K 3/16 6C08K 3/24  
[25] EN  
[54] ANTISTATICALLY FINISHED POLYMERS  
[54] POLYMERES ANTISTATIQUES  
[72] MINDER, Ernst, CH  
[72] GROB, Markus, CH  
[72] PFEIFFER, Jürgen, CH  
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[13] A1  
[51] Int.Cl. 6B29C 49/04 6B65D 1/04  
6B65D 81/32 6B29C 49/48  
[25] EN  
[54] MULTIPLE COMPARTMENT PLASTIC CONTAINER AND METHOD OF MAKING  
[54] CONTENANT EN PLASTIQUE A PLUSIEURS COMPARTIMENTS ET METHODE DE FABRICATION CONNEXE  
[72] GEISINGER, Gregory A., US  
[71] OWENS-BROCKWAY PLASTIC PRODUCTS INC., US  
[22] 1998-10-09  
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[13] A1  
[51] Int.Cl. 6E21B 36/00  
[25] EN  
[54] METHOD OF THERMALLY INSULATING A WELLBORE  
[54] METHODE D'ISOLATION THERMIQUE D'UN Puits DE FORAGE  
[72] WYANT, Reece Eugene, US  
[72] NAHM, James Jang Woo, US  
[71] SHELL CANADA LIMITED, CA  
[22] 1998-10-09  
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[21] **2,249,901**  
[13] A1

[51] **Int.Cl. 6H01L 21/68**  
[25] EN  
[54] **METHOD OF FIXING A PLURALITY OF LOWER MEMBERS EACH HAVING REFERENCE BORE FOR INSTALLING UPPER MEMBER, AND FIXING JIGS**  
[54] **METHODE POUR FIXER UNE PLURALITE DE COMPOSANTS INTERIEURS DANS DES ALESAGES DE REFERENCE EN VUE DE LA MISE EN PLACE DE COMPOSANTS SUPERIEURS, ET POUR FIXER LES CALIBRES EN QUESTION**  
[72] OHMI, Tadahiho, JP  
[72] SHINOHARA, Tsutomu, JP  
[72] YAMAJI, Michio, JP  
[71] OHMI, Tadahiho, JP  
[71] FUJIKIN INCORPORATED, JP  
[22] 1998-10-09  
[43] 1999-04-13  
[30] JP (9/278472) 1997-10-13

[21] **2,249,907**  
[13] A1

[51] **Int.Cl. 6C03B 7/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR INTRODUCING GLASS GOBS INTO A GLASS CONTAINER FORMING MACHINE**  
[54] **METHODE ET DISPOSITIF D'INTRODUCTION DES PARAISSONS DE VERRE DANS UNE MACHINE SERVANT A FORMER DES CONTENANTS EN VERRE**  
[72] WACKE, Robert S., US  
[72] MILLER, Arnold R., US  
[72] CIRINCIONE, Ronald A., US  
[72] GREENAWALT, Robert J., US  
[72] WORLEY, J. Michael, US  
[72] JABLONOWSKI, Thomas E., US  
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US  
[22] 1998-10-09  
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[21] **2,249,908**  
[13] A1

[51] **Int.Cl. 6G01J 3/02 6G01N 21/01 6G01N 33/52**  
[25] EN  
[54] **OPTICAL MEASUREMENT SYSTEM FOR DETECTING LUMINESCENCE OR FLUORESCENCE SIGNALS**  
[54] **SYSTEME DE MESURE OPTIQUE DE DETECTION DE SIGNAUX LUMINESCENTS OU FLUORESCENTS**  
[72] BECHEM, Martin, DE  
[72] PAFFHAUSEN, Wolfgang, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1998-10-09  
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[30] DE (19745373.2) 1997-10-14

[21] **2,249,909**  
[13] A1

[51] **Int.Cl. 6B01D 53/70**  
[25] EN  
[54] **PROCESS FOR DESTROYING ORGANIC HALOGEN COMPOUNDS IN DUST-LADEN GASES AT LOW TEMPERATURE**  
[54] **PROCEDE POUR DETRUIRE A BASSE TEMPERATURE LES COMPOSES ORGANIQUES HALOGENES DANS DES GAZ CHARGES DE POUSSIERES**  
[72] WERNER, Klaus, DE  
[71] KATALYSATORENWERKE HÜLS GMBH, DE  
[22] 1998-10-09  
[43] 1999-04-11  
[30] DE (197 45 043.1) 1997-10-11

[21] **2,249,912**  
[13] A1

[51] **Int.Cl. 6H04Q 7/36 6H04Q 7/38**  
[25] EN  
[54] **CELLULAR NETWORKS WITH SPARE BASE AND SATELLITE STATIONS**  
[54] **RESEAUX CELLULAIRES AVEC STATIONS DE BASE ET STATIONS SATELLITES DE RESERVE**  
[72] AGRAWAL, Prathima, US  
[72] RUDRAPATNA, Ashok N., US  
[71] AT&T CORP., US  
[22] 1998-10-09  
[43] 1999-04-14  
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[21] **2,249,913**  
[13] A1

[51] **Int.Cl. 6D06M 23/00 6D06M 13/08 6D06M 13/144 6D06M 13/165 6D06M 13/265**  
[25] EN  
[54] **PROCESS FOR THE TREATMENT OF TEXTILE MATERIALS WITH AN ANTIMICROBIAL AGENT**  
[54] **METHODE POUR LE TRAITEMENT DE MATERIAUX TEXTILES AVEC UN AGENT ANTIMICROBIEN**  
[72] SCHNYDER, Marcel, CH  
[72] MAO, Jianwen, DE  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[22] 1998-10-09  
[43] 1999-04-13  
[30] EP (97810767.0) 1997-10-13  
[30] EP (98810677.9) 1998-07-15

[21] **2,249,915**  
[13] A1

[51] **Int.Cl. 6H01M 10/24 6H01M 2/02**  
[25] EN  
[54] **LITHIUM SECONDARY BATTERY**  
[54] **PILE SECONDAIRE AU LITHIUM**  
[72] NEMOTO, Hiroshi, JP  
[72] KITO, Kenshin, JP  
[71] NGK INSULATORS, LTD., JP  
[22] 1998-10-09  
[43] 1999-04-14  
[30] JP (9-280810) 1997-10-14

[21] **2,249,920**  
[13] A1

[51] **Int.Cl. 6B23P 19/00 6B23P 11/00 6B30B 3/02 6E04C 3/02 6B30B 15/16**  
[25] EN  
[54] **TRUSS ASSEMBLY APPARATUS WITH INDEPENDENT ROLLER DRIVE**  
[54] **APPAREIL D'ASSEMBLAGE DE FERMES A ROULEAU D'ENTRAINEMENT DISTINCT**  
[72] HAASE, Christopher L., US  
[71] MITEK HOLDINGS, INC., US  
[22] 1998-10-09  
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[13] A1

[51] **Int.Cl. 6G05D 7/00**  
[25] EN  
[54] **FLUID CONTROL APPARATUS**  
[54] **DISPOSITIF DE REGULATION**  
**FLUIDIQUE**  
[72] OHMI, Tadahiyo, JP  
[72] HIROSE, Takashi, JP  
[72] IKEDA, Nobukazu, JP  
[72] YOKOYAMA, Kosuke, JP  
[72] YAMAJI, Michio, JP  
[72] MASUDA, Naoya, JP  
[71] OHMI, Tadahiyo, JP  
[71] FUJIKIN INCORPORATED, JP  
[22] 1998-10-09  
[43] 1999-04-13  
[30] JP (9/278495) 1997-10-13

[21] 2,249,926  
[13] A1

[51] **Int.Cl. 6F16D 41/07**  
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[54] **SPRAG FAMILY**  
[54] **GROUPE DE ROUES LIBRES**  
[72] CREECH, Michael Z., US  
[71] DANA CORPORATION, US  
[22] 1998-10-14  
[43] 1999-04-14  
[30] US (08/949,741) 1997-10-14

[21] 2,249,928  
[13] A1

[51] **Int.Cl. 6G05D 23/08**  
[25] EN  
[54] **THERMOSTAT HAVING A TEM-**  
**PERATURE SETTING LEVER WITH**  
**TACTILEY DETERMINABLE POSI-**  
**TION**  
[54] **THERMOSTAT COMPORTANT UN**  
**LEVIER DE REGLAGE DE LA TEM-**  
**PERATURE DONT ON PEUT DETER-**  
**MINER TACTILEMENT LA POSITION**  
[72] SCHWARZ, Edward L., US  
[72] TRUONG, Kenny, US  
[71] HONEYWELL INC., US  
[22] 1998-10-14  
[43] 1999-04-16  
[30] US (08/951,665) 1997-10-16

[21] 2,249,933  
[13] A1

[51] **Int.Cl. 6H02J 7/16**  
[25] EN  
[54] **SECONDARY BATTERY CHARGE**  
**AND DISCHARGE CONTROL DEVICE**  
[54] **DISPOSITIF ASSURANT LA REGU-**  
**LATION DU RECHARGEMENT ET DU**  
**DECHARGEMENT D'UNE BATTERIE**  
**SECONDAIRE**  
[72] ASAKAWA, Fumihiko, JP  
[72] KIKUCHI, Yoshiaki, JP  
[72] NAKANISHI, Toshiaki, JP  
[72] UKITA, Susumu, JP  
[72] TOJIMA, Kazuo, JP  
[72] SHOJI, Yoshimi, JP  
[72] KIMURA, Tadao, JP  
[71] TOYOTA JIDOSHA KABUSHIKI  
KAISHA, JP  
[71] MATSUSHITA ELECTRIC INDUS-  
TRIAL CO., LTD., JP  
[22] 1998-10-09  
[43] 1999-04-13  
[30] JP (9-278795) 1997-10-13  
[30] JP (9-338423) 1997-12-09

[21] 2,249,935  
[13] A1

[51] **Int.Cl. 6H01M 10/24 6H01M 2/02**  
[25] EN  
[54] **LITHIUM SECONDARY BATTERY**  
[54] **PILE SECONDAIRE AU LITHIUM**  
[72] KITO, Kenshin, JP  
[72] KUROKAWA, Teruhisa, JP  
[71] NGK INSULATORS, LTD., JP  
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[30] JP (9-280811) 1997-10-14

[21] 2,249,936  
[13] A1

[51] **Int.Cl. 6B60B 23/00 6B60B 3/14**  
[25] EN  
[54] **WHEEL**  
[54] **ROUE**  
[72] RANKIN, Mark, US  
[72] KUHL, David, US  
[71] TITAN INTERNATIONAL, INC., US  
[22] 1998-10-13  
[43] 1999-04-14  
[30] US (08/949,700) 1997-10-14

[21] 2,249,944  
[13] A1

[51] **Int.Cl. 6F23G 7/06 6F26B 23/02**  
[25] EN  
[54] **COMBUSTION CHAMBER TO AC-**  
**COMMODATE A SPLIT STREAM OF**  
**RECYCLED GASES**  
[54] **CHAMBRE DE COMBUSTION**  
**DANS LAQUELLE PEUT CIRCULER**  
**UN COURANT PARTAGE DE GAZ RE-**  
**CYCLES**  
[72] THOMPSON, Stanley Paul, US  
[71] BELOIT TECHNOLOGIES, INC., US  
[22] 1998-10-13  
[43] 1999-04-14  
[30] US (949,343) 1997-10-14

[21] 2,249,949  
[13] A1

[51] **Int.Cl. 6G01R 31/36 6H01M 10/48**  
[25] EN  
[54] **BATTERY CHARGE LEVEL DE-**  
**TECTING DEVICE**  
[54] **DISPOSITIF DE DETECTION DU**  
**NIVEAU DE CHARGE D'UNE BATTE-**  
**RIE**  
[72] UKITA, Susumu, JP  
[72] UCHIDA, Masatoshi, JP  
[72] SHOJI, Yoshimi, JP  
[72] ASAKAWA, Fumihiko, JP  
[72] TOJIMA, Kazuo, JP  
[72] KUNO, Hiromichi, JP  
[72] SEKIMORI, Toshiyuki, JP  
[72] KIKUCHI, Yoshiaki, JP  
[71] TOYOTA JIDOSHA KABUSHIKI  
KAISHA, JP  
[22] 1998-10-09  
[43] 1999-04-13  
[30] JP (9-278801) 1997-10-13

[21] 2,249,950  
[13] A1

[51] **Int.Cl. 6B63C 11/52 6G01V 1/38**  
[25] EN  
[54] **UNDERWATER DEVICE WITH A**  
**SACRIFICIAL LATCH MECHANISM**  
[54] **DISPOSITIF SOUS-MARIN MUNI**  
**D'UN MECANISME DE VERROUIL-**  
**LAGE SACRIFICIEL**  
[72] RAU, Brien G., US  
[71] DIGICOURSE, INC., US  
[22] 1998-10-14  
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[13] A1

[51] **Int.Cl. 6G01R 31/36 6H02J 7/00**  
[25] EN  
[54] **METHOD AND DEVICE FOR DETECTING A STATE OF CHARGE OF A BATTERY ASSEMBLY, AND BATTERY ASSEMBLY CHARGE AND DISCHARGE CONTROL DEVICE**  
[54] **METHODE ET DISPOSITIF PERMETTANT DE DETECTER L'ETAT DE CHARGE D'UNE BATTERIE D'ACCUMULATEURS ET DISPOSITIF DE REGULATION DES NIVEAUX DE CHARGE ET DE DECHARGE POUR BATTERIE D'ACCUMULATEUR**  
[72] SHOJI, Yoshimi, JP  
[72] KATO, Tomoya, JP  
[72] SEKIMORI, Toshiyuki, JP  
[72] KIKUCHI, Yoshiaki, JP  
[72] UKITA, Susumu, JP  
[72] ASAKAWA, Fumihiko, JP  
[72] KIMURA, Tadao, JP  
[72] NAKANISHI, Toshiaki, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[71] DENSO CORPORATION, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[22] 1998-10-09  
[43] 1999-04-13  
[30] JP (9-278789) 1997-10-13  
[30] JP (9-336895) 1997-12-08

[21] **2,249,954**  
[13] A1

[51] **Int.Cl. 6C08G 18/79 6C08J 9/08 6C08G 18/48**  
[25] EN  
[54] **SEMI-RIGID POLYURETHANE FOAMED MATERIALS BASED ON BIURET-MODIFIED POLYISOCYANATES, COMPOSITE STRUCTURAL COMPONENTS USING SAID SEMI-RIGID POLYURETHANE FOAMED MATERIALS, AND A PROCESS FOR THE PRODUCTION THEREOF**  
[54] **MOUSSES DE POLYURETHANE SEMI-RIGIDES A BASE DE POLYISOCYANATES MODIFIES PAR DU BIURET, COMPOSITES STRUCTURAUX FABRIQUES A L'AIDE DE CES MOUSSES ET PROCEDE DE FABRICATION**  
[72] WOYNAR, Helmut, DE  
[72] RASSHOFER, Werner, DE  
[72] GRONEN, Jürgen, DE  
[72] SCHMIDT, Manfred, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1998-10-13  
[43] 1999-04-15  
[30] DE (19745462.3) 1997-10-15

[21] **2,249,957**  
[13] A1

[51] **Int.Cl. 6E04B 7/16 6E04H 15/04 6E04B 1/343**  
[25] FR  
[54] **CONSTRUCTION A COUVERTURE SOUPLE DONT AU MOINS LA TOITURE EST CONSTITUEE PAR UNE OSATURE METALLIQUE OU COMPOSITE TRIDIMENSIONNELLE**  
[54] **FLEXIBLE-ROOF CONSTRUCTION OF WHICH AT LEAST THE ROOF CONSISTS OF A THREE-DIMENSIONAL METAL OR COMPOSITE FRAMEWORK**  
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[71] ETABLISSEMENTS LUCIEN WALTER, FR  
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[43] 1999-04-13  
[30] EP (97440095.4) 1997-10-13

[21] **2,249,958**  
[13] A1

[51] **Int.Cl. 6C07F 17/02 6C07F 15/00 6C07C 311/08 6C07D 209/08 6C07C 231/18 6C07C 311/21 6C07C 303/38 6C07C 211/45 6C07C 209/60**  
[25] EN  
[54] **BINUCLEAR IRIIDIUM(I) PHOSPHINE COMPLEXES AND THEIR USE AS CATALYST IN THE ASYMMETRIC HYDROAMINATION OF OLEFINS**  
[54] **COMPLEXES BINUCLEAIRES D'IRIDIUM (I) ET DE PHOSPHINE ET LEUR UTILISATION COMME CATALYSEUR POUR L'HYDROAMINATION ASYMETRIQUE D'OLEFINES**  
[72] DORTA, Romano, CH  
[72] BIELER, Nikolaus, CH  
[72] EGLI, Patrick, CH  
[72] EYER, Martin, CH  
[72] TOGNI, Antonio, CH  
[71] LONZA AG, CH  
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[43] 1999-04-14  
[30] CH (2392/97) 1997-10-14

[21] **2,250,266**  
[13] A1

[51] **Int.Cl. 6B60J 3/00 6B60Q 3/02**  
[25] EN  
[54] **A SUN VISOR HAVING AN ILLUMINATED FILM FOR ILLUMINATING A VANITY MIRROR**  
[54] **PARE-SOLEIL COMPORTANT UN FILM ELECTROLUMINESCENT SERVANT A ILLUMINER UN MIROIR DE COURTOISIE**  
[72] ZORN, Heinz, AT  
[72] MACHER, David, AT  
[71] MAGNA REFLEX HOLDING GMBH, DE  
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[43] 1999-04-13  
[30] AT (A97/01730) 1997-10-13

[21] **2,250,287**  
[13] A1

[51] **Int.Cl. 6A63B 59/14**  
[25] EN  
[54] **HOCKEY STICK BLADE SLEEVE**  
[54] **MANCHON POUR LAME DE BATTON DE HOCKEY**  
[72] SCOFIELD, Randy D., US  
[72] BATTIS, Steven M., US  
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[71] BATTIS, Steven M., US  
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[43] 1999-04-14  
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[13] A1  
[51] **Int.Cl. 6B60R 1/06**  
[25] EN  
[54] **A MIRROR HAVING AN ILLUMINATED FILM FOR SIGNALING AND GENERAL ILLUMINATION**  
[54] **RETROVISEUR INCORPORANT UN FILM ELECTROLUMINESCENT POUVANT SERVIR A DES FINS DE SIGNALISATION ET D'ECLAIREMENT**  
[72] ZORN, Heinz, AT  
[72] MACHER, David, AT  
[71] MAGNA REFLEX HOLDING GMBH, DE  
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[21] **2,250,292**  
[13] A1  
[51] **Int.Cl. 6H01Q 21/08**  
[25] EN  
[54] **FLAT PLATE ANTENNA ARRAYS**  
[54] **RESEAU D'ANTENNES PLANES**  
[72] FRANK, Zvi Henry, IL  
[71] MTI TECHNOLOGY & ENGINEERING (1993) LTD., IL  
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[43] 1999-04-14  
[30] IL (121978) 1997-10-14

[21] **2,250,297**  
[13] A1  
[51] **Int.Cl. 6F25J 3/04**  
[25] EN  
[54] **CRYOGENIC RECTIFICATION SYSTEM FOR PRODUCING HIGH PRESSURE OXYGEN**  
[54] **SYSTEME DE RECTIFICATION CRYOGENIQUE POUR PRODUIRE DE L'OXYGENE SOUS HAUTE PRESSION**  
[72] LYNCH, Nancy Jean, US  
[72] BONAQUIST, Dante Patrick, US  
[72] FRY, Shanda Gardner, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1998-10-13  
[43] 1999-04-14  
[30] US (08/949,455) 1997-10-14

[21] **2,250,311**  
[13] A1  
[51] **Int.Cl. 6B60K 17/36**  
[25] EN  
[54] **DRIVE UNIT FOR A TANDEM AXLE**  
[54] **UNITE D'ENTRAINEMENT D'ES-SIEU TANDEM**  
[72] AUER, Ernst, DE  
[71] NEUNKIRCHENER MASCHINEN - UND ACHSENFABRIK GMBH & CO. KG, DE  
[22] 1998-10-15  
[43] 1999-04-15  
[30] DE (197 45 560.3) 1997-10-15  
[30] DE (198 02 371.5) 1998-01-22

[21] **2,250,317**  
[13] A1  
[51] **Int.Cl. 6E21B 47/16 6E21B 49/08**  
[25] EN  
[54] **EARLY EVALUATION SYSTEM WITH DRILLING CAPABILITY**  
[54] **SYSTEME D'EVALUATION ANTICIPEE COMPORTANT UNE CAPACITE DE FORAGE**  
[72] SMITH, Harrison C., US  
[72] SKINNER, Neal G., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
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[30] US (08/950,497) 1997-10-14

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[13] A1  
[51] **Int.Cl. 6E21B 47/12 6H04B 1/00 6H01R 39/00**  
[25] EN  
[54] **DATA TRANSFER SYSTEM**  
[54] **SYSTEME DE TRANSFERT DE DONNEES**  
[72] WURM, Dieter, DE  
[72] ZERBS, Klaus, DE  
[72] KOCH, Elmar, DE  
[71] TRACTO-TECHNIK - PAUL SCHMIDT - SPEZIALMASCHINEN, DE  
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[21] **2,250,329**  
[13] A1  
[51] **Int.Cl. 6C09K 7/06 6E21B 43/26**  
[25] EN  
[54] **GELLING AGENT FOR HYDRO-CARBON LIQUID AND METHOD OF USE**  
[54] **AGENT GELIFIANT POUR HYDROCARBURES LIQUIDES ET METHODE D'UTILISATION**  
[72] JONES, Cruise K., US  
[72] TAYLOR, Grahame N., US  
[71] NALCO/EXXON ENERGY CHEMICALS, L.P., US  
[22] 1998-10-15  
[43] 1999-04-16  
[30] US (08/951,388) 1997-10-16

[21] **2,250,331**  
[13] A1  
[51] **Int.Cl. 6A61B 5/00 6A61B 5/02 6A61B 5/14**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REMOVING ARTIFACT FROM PHYSIOLOGICAL SIGNALS**  
[54] **METHODE ET APPAREIL POUR ELIMINER LES PARASITES DANS LES SIGNAUX PHYSIOLOGIQUES**  
[72] ELGHAZZAWI, Ziad, US  
[71] SIEMENS MEDICAL SYSTEMS, INC., US  
[22] 1998-10-15  
[43] 1999-04-17  
[30] US (08/951,879) 1997-10-17

[21] **2,250,333**  
[13] A1  
[51] **Int.Cl. 6C07F 9/38 6C08F 30/02 6C08F 230/02 6C09J 143/02 6A61K 6/08 6A61C 13/23**  
[25] EN  
[54] **HYDROLYSIS-STABLE AND POLYMERIZABLE ACRYLPHOSPHONIC ACIDS**  
[54] **ACIDES ACRYLOPHOSPHONIQUES POLYMERISABLES ET RESISTANTS A L'HYDROLYSE**  
[72] ZEUNER, Frank, LI  
[72] RHEINBERGER, Volker, LI  
[72] MOSZNER, Norbert, LI  
[71] IVOCLAR AG, LI  
[22] 1998-10-14  
[43] 1999-04-16  
[30] DE (197 46 708.3) 1997-10-16

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[21] **2,250,336**  
[13] A1

[51] **Int.Cl. 6H01S 3/00 6G02F 1/35**  
[25] EN  
[54] **OPTICAL PULSE GENERATOR**  
[54] **GENERATEUR D'IMPULSIONS OPTIQUES**  
[72] YOSHIDA, Eiji, JP  
[72] ASAHINA, Yuka, JP  
[72] NAKAZAWA, Masataka, JP  
[72] KUMAGAI, Yoshihiro, JP  
[72] IIDA, Rikihiko, JP  
[72] ICHIKAWA, Akio, JP  
[71] ANDO ELECTRIC CO., LTD., JP  
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP  
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[43] 1999-04-14  
[30] JP (9-280914) 1997-10-14

[21] **2,250,341**  
[13] A1

[51] **Int.Cl. 6C08G 73/06 6A61K 31/785**  
[25] EN  
[54] **EPICHLOROHYDRIN AND 1-(3-AMINOPROPYL)IMIDAZOLE COPOLYMER AND ITS USE IN TREATING IRRITABLE BOWEL SYNDROME**  
[54] **COPOLYMER D'EPICHLOROHYDRINE ET DE 1-(3-AMINOPROPYL)IMIDAZOLE ET SON UTILISATION DANS LE TRAITEMENT DU COLON IRRITABLE**  
[72] DAY, Charles E., US  
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[22] 1998-10-15  
[43] 1999-04-16  
[30] US (08/951,664) 1997-10-16

[21] **2,250,343**  
[13] A1

[51] **Int.Cl. 6B41J 2/165 6G01D 15/18**  
[25] EN  
[54] **MAILING MACHINE HAVING INK JET PRINTING AND MAINTENANCE SYSTEM**  
[54] **MACHINE DE TRAITEMENT DE COURRIER AYANT UN SYSTEME D'IMPRESSION A JET D'ENCRE ET UN SYSTEME D'ENTRETIEN**  
[72] COFFY, Jean-Hiram, US  
[72] JACKSON, Jerome E., US  
[72] MALIN, Richard A., US  
[72] SALAZAR, Edilberto I., US  
[71] PITNEY BOWES INC., US  
[22] 1998-10-14  
[43] 1999-04-15  
[30] US (08/951,074) 1997-10-15

[21] **2,250,360**  
[13] A1

[51] **Int.Cl. 6B60G 17/06 6B66F 9/06**  
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[54] **STRUCTURE FOR SUPPORTING PIVOT CONTROLLING DAMPER**  
[54] **STRUCTURE DE SUPPORT D'AMORTISSEUR CONTROLANT LE PIVOTEMENT**  
[72] ISHIKAWA, Kazuo, JP  
[72] TAKEUCHI, Toshiyuki, JP  
[71] KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, JP  
[22] 1998-10-15  
[43] 1999-04-16  
[30] JP (9-284014) 1997-10-16

[21] **2,250,364**  
[13] A1

[51] **Int.Cl. 6C09K 7/06 6E21B 43/22**  
[25] EN  
[54] **PROCESS FOR TREATING WATER-CONTAINING NATURAL GAS WELLS & NATURAL GAS STORAGE WELLS**  
[54] **PROCEDE DE TRAITEMENT DE Puits DE GAZ NATUREL ET DE Puits DE STOCKAGE DE GAZ NATUREL RENFERMANT DE L'EAU**  
[72] DEUBZER, Bernward, DE  
[72] BURGER, Willibald, DE  
[72] WOLTJE, Holger, DE  
[72] SCHROCK, Robert, DE  
[72] LAUTENSCHLAGER, Hans, US  
[72] MAYER, Hans, DE  
[71] WACKER-CHEMIE GMBH, DE  
[22] 1998-10-15  
[43] 1999-04-16  
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[21] **2,250,368**  
[13] A1

[51] **Int.Cl. 6G06F 1/32**  
[25] EN  
[54] **POWER SUPPLY CONTROL APPARATUS**  
[54] **DISPOSITIF DE COMMANDE D'ALIMENTATION**  
[72] OOMICHI, Hiroshi, JP  
[72] OKADA, Setsuo, JP  
[72] TOGASHI, Shoichi, JP  
[71] HUDSON SOFT CO., LTD., JP  
[22] 1998-10-14  
[43] 1999-04-15  
[30] JP (9-282066) 1997-10-15

[21] **2,250,377**  
[13] A1

[51] **Int.Cl. 6A61M 16/06 6A62B 9/06**  
[25] EN  
[54] **LARYNGEAL MASK ASSEMBLIES**  
[54] **ENSEMBLES DE MASQUE LARYNGE**  
[72] PAGAN, Eric, GB  
[71] SMITHS INDUSTRIES PUBLIC LIMITED COMPANY, GB  
[22] 1998-10-15  
[43] 1999-04-16  
[30] GB (9721840) 1997-10-16

[21] **2,250,409**  
[13] A1

[51] **Int.Cl. 6B60Q 11/00 6B60D 1/62**  
[25] EN  
[54] **TESTER FOR AUTOMOTIVE TRAILER LIGHT SYSTEMS**  
[54] **APPAREIL D'ESSAI DU CIRCUIT D'ECLAIRAGE DE REMORQUES D'AUTOMOBILE**  
[72] SYRACUSE, Carmelo R., US  
[71] SYRACUSE, Carmelo R., US  
[22] 1998-10-13  
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[21] **2,250,413**  
[13] A1

[51] **Int.Cl. 6B60P 1/56 6B65D 90/54 6B65D 90/66**  
[25] EN  
[54] **CONTROL DEVICE FOR TRAILER GATES**  
[54] **DISPOSITIF DE COMMANDE POUR DES PANNEAUX ARRIERE DE REMORQUE**  
[72] FRIESEN, Leroy J., CA  
[71] MIDLAND MANUFACTURING LTD., CA  
[22] 1998-10-13  
[43] 1999-04-14  
[30] CA (2,218,168) 1997-10-14

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[13] A1

[51] **Int.Cl. 6E21B 10/18**  
[25] EN  
[54] **EXTENDED DRILL BIT NOZZLE HAVING EXTENDED RETAINER**  
[54] **DUSE ALLONGEE DANS UN TREPAN ET DOTEE D'UN DISPOSITIF DE RETENUE ALLONGE**  
[72] NGUYEN, Quan, US  
[71] SMITH INTERNATIONAL, INC., US  
[22] 1998-10-13  
[43] 1999-04-13  
[30] US (60/061,747) 1997-10-13  
[30] US (60/063,176) 1997-10-20

[21] **2,250,427**  
[13] A1

[51] **Int.Cl. 6H04B 7/185 6H04B 7/005 6H04B 1/69**  
[25] EN  
[54] **METHOD AND SYSTEM FOR REDUCING MULTIPATH FADING IN BENT-PIPE SATELLITE COMMUNICATIONS SYSTEMS**  
[54] **METHODE ET SYSTEME POUR REDUIRE L'EVANOUISSEMENT DU A LA PROPAGATION PAR TRAJETS MULTIPLES DANS LES SYSTEMES DE COMMUNICATIONS PAR SATELLITE A GUIDE D'ONDES COUDE**  
[72] SHERMAN, Matthew J., US  
[71] AT&T CORP., US  
[22] 1998-10-13  
[43] 1999-04-17  
[30] US (08/953,020) 1997-10-17

[21] **2,250,430**  
[13] A1

[51] **Int.Cl. 6H04B 7/185 6H04B 7/216**  
[25] EN  
[54] **METHOD AND SYSTEM FOR REDUCING INTERBEAM INTERFERENCE AND MULTIPATH FADING IN BENT-PIPE SATELLITE COMMUNICATIONS SYSTEMS**  
[54] **METHODE ET SYSTEME POUR REDUIRE LE BROUILLAGE INTERFAISCEAUX ET L'EVANOUISSEMENT DU A LA PROPAGATION PAR TRAJETS MULTIPLES DANS LES SYSTEMES DE COMMUNICATIONS PAR SATELLITE A GUIDE D'ONDES COUDE**  
[72] SHERMAN, Matthew J., US  
[71] AT&T CORP., US  
[22] 1998-10-13  
[43] 1999-04-17  
[30] US (08/953,600) 1997-10-17

[21] **2,250,437**  
[13] A1

[51] **Int.Cl. 6G06F 3/14**  
[25] EN  
[54] **MULTIVARIATE DISPLAY SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE D'AFFICHAGE DE DONNEES MULTIVARIABLE**  
[72] PLANAS, Miguel A., CA  
[72] WINLOW, Tom, CA  
[72] TALBOTT, Douglas E., CA  
[71] NORTHERN TELECOM LIMITED, CA  
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[30] US (08/953,236) 1997-10-17

[21] **2,250,440**  
[13] A1

[51] **Int.Cl. 6B43K 7/02**  
[25] EN  
[54] **2213790 IMPLEMENT**  
[54] **INSTRUMENT POUR ECRIRE**  
[72] INABA, Takao, JP  
[72] YOKOSUKA, Takehiko, JP  
[72] TANAKA, Hideyuki, JP  
[71] THE PILOT INK CO., LTD., JP  
[22] 1998-10-14  
[43] 1999-04-15  
[30] JP (9-299383) 1997-10-15

[21] **2,250,441**  
[13] A1

[51] **Int.Cl. 6D07B 1/06 6D07B 5/00 6B60C 9/00**  
[25] EN  
[54] **SHAPE MEMORY CORDS FOR REINFORCING PNEUMATIC TYRES, RUBBERIZED FABRICS AND PNEUMATIC TYRES COMPRISING THE SAID CORDS**  
[54] **CABLES A MEMOIRE DE FORME SERVANT A RENFORCER LES PNEUMATIQUES GONFLABLES ET LES TISSUS CAOUTCHOUTES, ET PNEUMATIQUES GONFLABLES CONSTITUES DE TELS CABLES**  
[72] CIPPARRONE, Marco, IT  
[72] RIVA, Guido, IT  
[72] ORJELA, Gurdev, BE  
[71] PIRELLI COORDINAMENTO PNEUMATICI S.P.A., IT  
[22] 1998-10-14  
[43] 1999-04-14  
[30] EP (97830519.1) 1997-10-14

[21] **2,250,443**  
[13] A1

[51] **Int.Cl. 6A47J 31/00 6G07F 13/06**  
[25] EN  
[54] **INGREDIENT MIXING BOWL AND MOISTURE REDUCTION SYSTEM FOR A VENDING MACHINE**  
[54] **BOL MELANGEUR D'INGREDIENTS ET SYSTEME DE REDUCTION DE L'HUMIDITE POUR DISTRIBUTEUR AUTOMATIQUE**  
[72] NEWKIRK, Franklin D., US  
[72] REESE, Robert J., US  
[71] CRANE CO., US  
[22] 1998-10-13  
[43] 1999-04-14  
[30] US (08/949,573) 1997-10-14

[21] **2,250,447**  
[13] A1

[51] **Int.Cl. 6G06K 9/78**  
[25] EN  
[54] **AUTOMATIC RETRIEVAL PROCESS FOR MACHINE-PRINTED OR HANDWRITTEN TEXT ON A BACKGROUND IN A MULTILEVEL DIGITAL IMAGE**  
[54] **PROCESSUS DE CONVERSION AUTOMATIQUE D'UN TEXTE IMPRIME A LA MACHINE OU ECRIT A LA MAIN SUR UN ARRIERE-FOND EN UNE IMAGE NUMERIQUE A PLUSIEURS NIVEAUX**  
[72] JOHNSON, Jeffrey Horace, GB  
[72] SIMON, Jean-Claude André, FR  
[71] JOHNSON, Jeffrey Horace, GB  
[71] SIMON, Jean-Claude André, FR  
[22] 1998-10-14  
[43] 1999-04-15  
[30] FR (97 12889) 1997-10-15

[21] **2,250,448**  
[13] A1

[51] **Int.Cl. 6H04B 3/46 6G01R 19/145**  
[25] EN  
[54] **DETECTOR**  
[54] **DETECTEUR**  
[72] MATSUGE, Kazuhisa, JP  
[72] KITAHARA, Takaya, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 1998-10-13  
[43] 1999-04-17  
[30] JP (9-285268) 1997-10-17

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[21] **2,250,450**  
[13] A1

[51] **Int.Cl. 6G06F 17/60 6G06F 3/14**  
[25] EN  
[54] **METHOD AND SYSTEM FOR PRESENTING CUSTOMIZED ADVERTISING TO A USER ON THE WORLD WIDE WEB**  
[54] **METHODE ET SYSTEME DE PRESENTATION DE PUBLICITE PERSONNALISEE A UN UTILISATEUR SUR LE WORLD WIDE WEB**  
[72] NURENBERG, Steven Howard, US  
[72] O'NEIL, Joseph Thomas, US  
[72] STUNTEBECK, Peter H., US  
[72] LEMOLE, Suzanne L., US  
[71] AT&T CORP., US  
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[43] 1999-04-16  
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[13] A1

[51] **Int.Cl. 6B64G 1/36 6H04N 5/33**  
[25] EN  
[54] **EARTH SENSOR**  
[54] **CAPTEUR TERRESTRE**  
[72] KOYAMA, Hideaki, JP  
[71] NEC CORPORATION, JP  
[22] 1998-10-13  
[43] 1999-04-14  
[30] JP (280891/1997) 1997-10-14

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[13] A1

[51] **Int.Cl. 6G01K 7/10**  
[25] EN  
[54] **HEAT SHEILD WITH MOLDABLE INSULATION**  
[54] **BOUCLIER THERMIQUE A ISOLATION MOULABLE**  
[72] DUTCHER, Dale E., US  
[72] CRUMP, Larry W., US  
[71] GAY ENGINEERING & SALES COMPANY, INC., US  
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[43] 1999-04-15  
[30] US (60/062,360) 1997-10-15

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[13] A1

[51] **Int.Cl. 6C08F 283/12**  
[25] EN  
[54] **METHOD FOR PREPARING POLYDIORGANOSILOXANES PARTIALLY END-BLOCKED WITH SUBSTITUTED SILETHYLENE GROUPS**  
[54] **METHODE DE PREPARATION DE POLYDIORGANOSILOXANES AUX TERMINAISONS PARTIELLEMENT BLOQUEES PAR DES GROUPEMENTS SILETHYLENES SUBSTITUES**  
[72] DE BUYL, Francois, BE  
[72] DAMME, Eric, BE  
[72] LEEMPOEL, Patrick, BE  
[71] DOW CORNING S.A., BE  
[22] 1998-10-14  
[43] 1999-04-15  
[30] GB (9721831.7) 1997-10-15

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[21] **2,250,482**  
[13] A1

[51] **Int.Cl. 6H05K 5/02 6H04M 1/03 6H05K 7/16 6H04Q 7/32**  
[25] EN  
[54] **ELECTRONIC DEVICE INCLUDING APPARATUS AND METHOD FOR ROUTING FLEXIBLE CIRCUIT CONDUCTORS**  
[54] **DISPOSITIF ELECTRONIQUE COMPRENANT UN APPAREIL ET UNE METHODE PERMETTANT LE PASSAGE DE CONDUCTEURS DE CIRCUITS FLEXIBLES**  
[72] EMMERT, Steven C., US  
[72] MURRAY, Michael P., US  
[71] MOTOROLA, INC., US  
[22] 1998-10-14  
[43] 1999-04-15  
[30] US (08/950,990) 1997-10-15

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[13] A1

[51] **Int.Cl. 6H04L 7/04 6H04L 12/24**  
[25] EN  
[54] **NETWORK SYNCHRONIZATION FOR SDH/SONET**  
[54] **SYNCHRONISATION DE RESEAUX HNS (HIERARCHIE NUMERIQUE SYNCHRONE)/SONET**  
[72] YAZAKI, Masahiro, JP  
[71] NEC CORPORATION, JP  
[22] 1998-10-14  
[43] 1999-04-15  
[30] JP (280980/1997) 1997-10-15

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[21] **2,250,502**  
[13] A1

[51] **Int.Cl. 6H02N 2/12 6B64C 13/50**  
[25] FR  
[54] **ACTIONNEUR AMPLIFIE A MATERIAUX ACTIFS**  
[54] **AMPLIFIED ACTIVE-MATERIALS ACTUATOR**  
[72] AUDREN, Jean Thierry, FR  
[71] SFIM INDUSTRIES, FR  
[22] 1998-10-13  
[43] 1999-04-13  
[30] FR (97 12774) 1997-10-13  
[30] FR (97 12775) 1997-10-13

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[21] **2,250,506**  
[13] A1

[51] **Int.Cl. 6B23K 9/10 6B23K 9/16 6B23K 9/23**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF DE SOUDAGE MIG SPRAY MODULE**  
[54] **MODULATED SPRAY MIG WELDING PROCESS AND DEVICE**  
[72] PLOTTIER, Gérard, FR  
[72] MATILE, Olivier, FR  
[71] LA SOUDURE AUTOGENE FRANÇAISE, FR  
[22] 1998-10-13  
[43] 1999-04-16  
[30] FR (97/12975) 1997-10-16

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[21] **2,250,519**  
[13] A1

[51] **Int.Cl. 6G01F 13/00 6G01F 11/28**  
[25] EN  
[54] **PRECISION LIQUID DISPENSER DEVICE**  
[54] **DISTRIBUTEUR DE LIQUIDE DE PRECISION**  
[72] DUHAIME, Richard, CA  
[72] BOUDREAU, Normand, CA  
[71] DUHAIME, Richard, CA  
[71] BOUDREAU, Normand, CA  
[22] 1998-10-15  
[43] 1999-04-17  
[30] US (08/953,716) 1997-10-17

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[21] **2,250,523**  
[13] A1  
[51] **Int.Cl. 6C07D 339/06 6A61K 31/385**  
[25] EN  
[54] **DITHIOLYLIDENE ACETAMIDE DERIVATIVES**  
[54] **DERIVES DE DITHIOLYLIDENE-ACETAMIDE**  
[72] ETO, Hiromichi, JP  
[72] MATSUDA, Hideaki, JP  
[72] SATO, Susumu, JP  
[72] ISHII, Fumio, JP  
[72] MOGI, Kinichi, JP  
[71] SSP CO., LTD., JP  
[22] 1998-10-15  
[43] 1999-04-17  
[30] JP (285076/1997) 1997-10-17

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[21] **2,250,527**  
[13] A1  
[51] **Int.Cl. 6C25B 1/26**  
[25] EN  
[54] **ELECTROLYTIC PROCESS FOR PRODUCING CHLORINE DIOXIDE**  
[54] **PROCEDE ELECTROLYTIQUE POUR LA PRODUCTION DE DIOXYDE DE CHLORE**  
[72] KACZUR, Jerry J., US  
[72] LIPSZTAJN, Marek, CA  
[72] COWLEY, Gerald, CA  
[71] STERLING PULP CHEMICALS, LTD., CA  
[22] 1998-10-15  
[43] 1999-04-17  
[30] US (60/062,521) 1997-10-17

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[21] **2,250,552**  
[13] A1  
[51] **Int.Cl. 6B01D 21/24**  
[25] EN  
[54] **SCUM REMOVAL SYSTEM FOR SEWAGE CLARIFICATION TANK**  
[54] **DISPOSITIF D'EVACUATION DU CHAPEAU DE BOUE DANS UNE CLARIFICATEUR D'EAUX USEES**  
[72] STEWART, Bill C., US  
[72] HANFORD, Robert E., US  
[72] BSUMEK, Peter J., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 1998-10-16  
[43] 1999-04-17  
[30] US (60/062,301) 1997-10-17

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[21] **2,250,557**  
[13] A1  
[51] **Int.Cl. 6G06K 9/46 6G06K 9/62 6G06K 9/80**  
[25] EN  
[54] **IMAGE RECOGNITION THROUGH LOCALIZED INTERPRETATION**  
[54] **METHODE DE RECONNAISSANCE D'IMAGES A INTERPRETATION LOCALISEE**  
[72] MELEN, Roger D., US  
[72] KRTOLOVA, Radovan V., US  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 1998-10-15  
[43] 1999-04-17  
[30] US (08/953,338) 1997-10-17

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[21] **2,250,562**  
[13] A1  
[51] **Int.Cl. 6B23B 41/00 6C25C 3/12**  
[25] EN  
[54] **METHOD AND EQUIPMENT FOR PROCESSING CARBON BODIES**  
[54] **METHODE ET INSTALLATION D'USINAGE DE MASSES DE CARBONE**  
[72] NESSE, Oddvin, NO  
[72] HAGEN, Odd, NO  
[72] LINGA, Hogne, NO  
[71] NORSK HYDRO ASA, NO  
[22] 1998-10-15  
[43] 1999-04-17  
[30] NO (974794) 1997-10-17

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[21] **2,250,563**  
[13] A1  
[51] **Int.Cl. 6E21B 43/10 6E21B 43/08**  
[25] EN  
[54] **METHODS OF COMPLETING WELLS IN UNCONSOLIDATED SUBTERRANEAN ZONES**  
[54] **METHODES DE COMPLETION DE PUITTS DANS DES ZONES SOUTERRAINES DE ROCHE MEUBLE**  
[72] DUSTERHOFT, Ronald G., US  
[72] NGUYEN, Philip D., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 1998-10-15  
[43] 1999-04-16  
[30] US (08/951,936) 1997-10-16

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[21] **2,250,568**  
[13] A1  
[51] **Int.Cl. 6G02C 7/06**  
[25] EN  
[54] **MULTIFOCAL OPHTHALMIC LENS**  
[54] **VERRE OPHTALMIQUE MULTIFOCAL**  
[72] MIEGE, Christian, FR  
[72] BAUDART, Thierry, FR  
[72] AHSBAHS, Francoise, FR  
[71] ESSILOR INTERNATIONAL, FR  
[22] 1998-10-15  
[43] 1999-04-16  
[30] FR (97 12 990) 1997-10-16

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[21] **2,250,571**  
[13] A1  
[51] **Int.Cl. 6G02C 7/06**  
[25] EN  
[54] **MULTIFOCAL OPHTHALMIC LENS**  
[54] **VERRE OPHTALMIQUE MULTIFOCAL**  
[72] LE SAUX, Gilles, FR  
[72] ROSSIER, Claire, FR  
[72] PEDRONO, Claude, FR  
[71] ESSILOR INTERNATIONAL, FR  
[22] 1998-10-15  
[43] 1999-04-16  
[30] FR (97 12 988) 1997-10-16

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[21] **2,250,590**  
[13] A1  
[51] **Int.Cl. 6G03B 31/06 6B41M 3/00**  
[25] EN  
[54] **APPARATUS FOR MAKING RECORDING MEDIA WITH AUDIO CODE IMAGES**  
[54] **APPAREIL DE PRODUCTION DE SUPPORTS D'ENREGISTREMENT D'IMAGES A CODE AUDIO**  
[72] NOZAKI, Iwao, JP  
[71] OLYMPUS OPTICAL CO., LTD., JP  
[71] NORITSU KOKI CO., LTD., JP  
[22] 1998-10-16  
[43] 1999-04-17  
[30] JP (9-284829) 1997-10-17



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**11 avril 1999 - 17 avril 1999**

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[21] **2,250,593**  
[13] A1

[51] **Int.Cl. 6E21B 43/10 6E21B 43/08 6E21B 43/26**  
[25] EN  
[54] **METHODS AND APPARATUS FOR COMPLETING WELLS IN UNCONSO-LIDATED SUBTERRANEAN ZONES**  
[54] **METHODES ET APPAREIL DE COMPLETION DE PUIITS DANS DES ZONES SOUTERRAINES DE ROCHE MEUBLE**  
[72] NGUYEN, Philip D., US  
[72] DUSTERHOFT, Ronald G., US  
[71] HALLIBURTON ENERGY SER-VICES, INC., US  
[22] 1998-10-15  
[43] 1999-04-16  
[30] US (08/951,936) 1997-10-16  
[30] US (09/084,906) 1998-05-26

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[21] **2,250,597**  
[13] A1

[51] **Int.Cl. 6G01C 15/00 6G01S 5/14**  
[25] EN  
[54] **SURVEYING PROBE AND METHOD FOR COMPUTING THE SPA-TIAL COORDINATES OF A POINT**  
[54] **SONDE D'ARPENTAGE ET ME-THODE DE CALCUL DES COORDON-NEES SPATIALES D'UN POINT**  
[72] SANTERRE, Rock, CA  
[72] BOULIANNE, Michel, CA  
[71] UNIVERSITÉ LAVAL, CA  
[22] 1998-10-15  
[43] 1999-04-16  
[30] US (60/087,837) 1998-06-03  
[30] US (60/062,210) 1997-10-16

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[21] **2,250,600**  
[13] A1

[51] **Int.Cl. 6A61K 31/245 6A61K 47/10 6A61K 47/14**  
[25] EN  
[54] **ORAL ANALGESIC COMPOSI-TIONS**  
[54] **COMPOSITIONS ANALGESIQUES ORALES**  
[72] RATNARAJ, Teresa Rita, US  
[72] SANDLER, Patricia Lynn, US  
[72] KAY, Martha Francine, US  
[71] AMERICAN HOME PRODUCTS CORPORATION, US  
[22] 1998-10-16  
[43] 1999-04-17  
[30] US (08/953,146) 1997-10-17

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[21] **2,250,607**  
[13] A1

[51] **Int.Cl. 6H04Q 3/00 6G11B 23/00 6H04L 12/00**  
[25] EN  
[54] **FABRIC SYSTEM AND METHOD FOR ASSIGNING IDENTIFIER FOR FABRIC APPARATUS THEREFOR**  
[54] **SYSTEME DE MAILLAGE ET METHODE D'AFFECTATION D'IDEN-TIFICATEUR DE DISPOSITIF RESEAU**  
[72] OYAMA, Hiroaki, JP  
[71] NEC CORPORATION, JP  
[22] 1998-10-15  
[43] 1999-04-16  
[30] JP (9-283578) 1997-10-16

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[21] **2,250,610**  
[13] A1

[51] **Int.Cl. 6H04B 5/00 6B60R 16/02**  
[25] EN  
[54] **CONDUCTORLESS AND CON-TACTLESS TRANSMISSION UNIT FOR ELECTRICAL SIGNALS AND POWER INTO ROTATION APPLICATIONS**  
[54] **UNITE D'EMISSION DE SIGNAUX ELECTRIQUES SANS CONDUCTEUR NI CONTACT ET SOURCE D'ENERGIE UTILISES DANS DES APPLICATIONS A ROTATION**  
[72] GESCHE, Roland, DE  
[72] ROEDER, Juergen, DE  
[71] THOMAS & BETTS INTERNA-TIONAL, INC., US  
[22] 1998-10-15  
[43] 1999-04-15  
[30] DE (19745266.3) 1997-10-15

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[21] **2,250,613**  
[13] A1

[51] **Int.Cl. 6H02K 5/132**  
[25] EN  
[54] **ELECTRIC SUBMERSIBLE MO-TOR PROTECTOR**  
[54] **PROTECTEUR DE MOTEUR ELECTRIQUE SUBMERSIBLE**  
[72] McHUGH, Marcus D., US  
[72] HEINIG, Edine M., US  
[72] STANDRIDGE, Raymond B., US  
[71] CAMCO INTERNATIONAL INC., US  
[22] 1998-10-15  
[43] 1999-04-16  
[30] US (08/951,901) 1997-10-16

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[21] **2,250,615**  
[13] A1

[51] **Int.Cl. 6G02C 7/06**  
[25] EN  
[54] **MULTIFOCAL OPHTHALMIC LENS**  
[54] **VERRE OPHTALMIQUE MULTI-FOCAL**  
[72] BOURDONCLE, Bernard, FR  
[72] FRANCOIS, Sandrine, FR  
[72] CHAVEAU, Jean-Pierre, FR  
[71] ESSILOR INTERNATIONAL, FR  
[22] 1998-10-15  
[43] 1999-04-16  
[30] FR (97 12 989) 1997-10-16

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[21] **2,250,616**  
[13] A1

[51] **Int.Cl. 6G02C 7/02**  
[25] EN  
[54] **OPHTHALMIC LENS**  
[54] **VERRE OPHTALMIQUE**  
[72] FAUQUIER, Catherine, FR  
[72] ROLAND, Eric, FR  
[72] PEDRONO, Claude, FR  
[72] HARSIGNY, Christian, FR  
[72] JURKIEWIEZ, Fanny, FR  
[71] ESSILOR INTERNATIONAL, FR  
[22] 1998-10-15  
[43] 1999-04-16  
[30] FR (97 12 987) 1997-10-16

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[21] **2,250,621**  
[13] A1

[51] **Int.Cl. 6C08F 2/14**  
[25] EN  
[54] **OLEFIN POLYMERIZATION PRO-CESSSES AND PRODUCTS THEREOF**  
[54] **PROCEDE DE POLYMERISATION D'OLEFINES ET PRODUITS AINSI OB-TENUS**  
[72] McDANIEL, Max Paul, US  
[72] HSIEH, Eric Tsu-Yin, US  
[72] MARTIN, Joel Leonard, US  
[72] BENHAM, Elizabeth Ann, US  
[72] SECORA, Steven Joseph, US  
[72] BERGMEISTER, Joseph John, US  
[71] PHILLIPS PETROLEUM COMPANY, US  
[22] 1998-10-09  
[43] 1999-04-14  
[30] US (08/943,303) 1997-10-14

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[21] 2,250,622  
[13] A1

[51] Int.Cl. 6G01N 33/52 6C12Q 1/25  
6G01N 33/58 6G01N 33/66 6G01N 33/68  
6G01N 33/70

[25] EN

[54] METHOD FOR IMPROVING THE  
ACCURACY OF THE SEMI-QUANTI-  
TATIVE DETERMINATION OF ANA-  
LYTE IN FLUID SAMPLES

[54] METHODE POUR UNE DETERMI-  
NATION SEMI-QUANTITATIVE PLUS  
EXACTE D'UN ANALYTE DANS DES  
ECHANTILLONS FLUIDES

[72] WALLACE, Jane F., US

[72] PUGIA, Michael J., US

[72] MESSENGER, Koleen K., US

[71] BAYER CORPORATION, US

[22] 1998-10-09

[43] 1999-04-14

[30] US (08/949,520) 1997-10-14

[21] 2,250,632  
[13] A1

[51] Int.Cl. 6C09B 5/48 6C09B 48/00  
6C09B 19/02 6C09D 11/02 6C09B 47/04  
6C09B 57/04 6C08K 9/04 6C09B 67/10  
6C09D 7/12 6C09B 3/14

[25] EN

[54] A METHOD FOR CONDITIONING  
ORGANIC PIGMENTS

[54] METHODE POUR CONDITION-  
NER DES PIGMENTS ORGANIQUES

[72] THOMPSON, Brian L., US

[72] SATTAR, Abdul, US

[72] SHANNON, Charles E., US

[72] SANDEFUR, Charles W., US

[72] HAYDEN, Michael D., US

[71] BAYER CORPORATION, US

[22] 1998-10-14

[43] 1999-04-17

[30] US (08/953,602) 1997-10-17

[21] 2,250,640  
[13] A1

[51] Int.Cl. 6G09F 15/00 6G09F 19/00

[25] EN

[54] ADVERTISING DISPLAY

[54] PANNEAU RECLAME

[72] WERNERDAL, Christer, US

[72] PETTERSSON, Joakim, SE

[71] ADBOX, INC., US

[22] 1998-10-14

[43] 1999-04-16

[30] US (08/951,594) 1997-10-16

[21] 2,250,650  
[13] A1

[51] Int.Cl. 6H04H 1/00 6H04B 15/00  
6H04B 7/185

[25] EN

[54] DYNAMIC INTERFERENCE OPTI-  
MIZATION METHOD FOR SATEL-  
LITES TRANSMITTING MULTIPLE  
BEAMS WITH COMMON FREQUEN-  
CIES

[54] METHODE DYNAMIQUE D'OPTI-  
MISATION DES NIVEAUX DE BROUIL-  
LAGE POUR LES SATELLITES A  
FAISCEAUX MULTIPLES UTILISANT  
DES FREQUENCES COMMUNES

[72] NORIN, John L., US

[71] HUGHES ELECTRONICS CORPORA-  
TION, US

[22] 1998-10-19

[43] 1999-04-17

[30] US (062,003) 1997-10-17

[30] US (160,600) 1998-09-25

[21] 2,250,623  
[13] A1

[51] Int.Cl. 6F04B 49/06 6F04B 15/00

[25] EN

[54] TECHNIQUE TO CONTROL

SLURRY PUMPS

[54] TECHNIQUE DE COMMANDE DE  
POMPE A BOUE

[72] ADDIE, Graeme R., US

[71] GIW INDUSTRIES, INC., US

[22] 1998-10-16

[43] 1999-04-17

[30] US (08/953,135) 1997-10-17

[21] 2,250,638  
[13] A1

[51] Int.Cl. 6B60Q 1/26 6B60Q 1/46

[25] EN

[54] LIGHT EMITTING DIODE  
FLASHING DIRECTIONAL WARNING  
LAMP

[54] CLIGNOTANT DE CHANGEMENT  
DE DIRECTION A DIODES ELEC-  
TROLUMINESCENTES

[72] POND, Gregory, US

[72] SUCKOW, Chris A., US

[72] ROLLER, Philip C., US

[71] TRUCK-LITE COMPANY, INC., US

[22] 1998-10-16

[43] 1999-04-17

[30] US (08/951,957) 1997-10-17

[21] 2,250,630  
[13] A1

[51] Int.Cl. 6C07K 7/08 6C12P 21/02  
6A61K 38/10

[25] EN

[54] NOVEL LANTIBIOTIC RELATED  
TO ACTAGARDINE, AND PROCESSES  
FOR THE PREPARATION AND USE  
THEREOF

[54] LANTIBIOTIQUE NOUVEAU RE-  
LIE A L'ACTAGARDINE, ET PRO-  
CEDES DE PREPARATION ET  
UTILISATION DU LANTIBIOTIQUE

[72] WINK, Joachim, DE

[72] VÉRTESY, Laszlo, DE

[72] KOGLER, Herbert, DE

[72] SCHIELL, Matthias, DE

[71] HOECHST MARION ROUSSEL

DEUTSCHLAND GMBH, DE

[22] 1998-10-13

[43] 1999-04-15

[30] DE (19745583.2) 1997-10-15

[21] 2,250,639  
[13] A1

[51] Int.Cl. 6E01B 27/16

[25] EN

[54] A TAMPING UNIT

[54] ORGANE DE BOURRAGE

[72] PEITL, Friedrich, AT

[72] THEURER, Josef, AT

[71] FRANZ PLASSER BAHNBAUM-  
ASCHINEN-INDUSTRIEGESELLSCHAFT  
M.B.H., AT

[22] 1998-10-14

[43] 1999-04-14

[30] AT (A 1740/97) 1997-10-14

[21] 2,250,665  
[13] A1

[51] Int.Cl. 6H05K 5/00 6H02B 1/40  
6H02B 1/44

[25] EN

[54] LOADCENTER SECONDARY DE-  
CORATIVE COVER

[54] COUVERCLE SECONDAIRE DE-  
CORATIF DE PANNEAU DE DISTRIBU-  
TION

[72] FOLEY, Brendan A., US

[72] REINER, Richard A., US

[71] EATON CORPORATION, US

[22] 1998-10-19

[43] 1999-04-17

[30] US (08/953,689) 1997-10-17

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[21] **2,250,668**  
[13] A1

[51] **Int.Cl. 6B60K 15/05 6B60K 15/04**  
[25] EN  
[54] **CAPLESS REFUELING ASSEMBLY**  
[54] **ASSEMBLAGE DE RAVITAILLE-**  
**MENT SANS BOUCHON**  
[72] GRUBER, Herbert, US  
[71] TESMA INTERNATIONAL INC., CA  
[22] 1998-10-16  
[43] 1999-04-16  
[30] US (60/062,205) 1997-10-16

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[21] **2,250,673**  
[13] A1

[51] **Int.Cl. 6H04L 12/14**  
[25] EN  
[54] **METHOD OF PROVIDING INTER-**  
**NET SERVICE**  
[54] **METHODE DE SERVICE INTER-**  
**NET**  
[72] HIGGINS, Steven Robertson, CA  
[72] ROBERT, Georges, CA  
[71] HIGGINS, Steven Robertson, CA  
[71] ROBERT, Georges, CA  
[22] 1998-10-16  
[43] 1999-04-17  
[30] CA (2,218,587) 1997-10-17

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[21] **2,251,213**  
[13] A1

[51] **Int.Cl. 6B08B 7/00 6C03C 12/00**  
[25] EN  
[54] **BROKEN GLASS CLEANING**  
**METHOD AND PLANT**  
[54] **INSTALLATION ET METHODE DE**  
**NETTOYAGE DE FRAGMENTS DE**  
**VERRE**  
[72] DAHL, Joel Millard, US  
[72] DAHL, Millard Justin, US  
[71] DAHL, Joel Millard, US  
[71] DAHL, Millard Justin, US  
[22] 1998-10-19  
[43] 1999-04-17  
[30] US (953,119) 1997-10-17

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[21] **2,251,317**  
[13] A1

[51] **Int.Cl. 6H04B 7/185**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**SPACECRAFT AMPLIFICATION OF**  
**MULTI-CHANNEL SIGNALS**  
[54] **METHODE ET APPAREIL D'AM-**  
**PLIFICATION DE SIGNAUX MULTICA-**  
**NAL POUR ENGIN SPATIAL**  
[72] NORIN, John L., US  
[71] HUGHES ELECTRONICS CORPORA-  
**TION, US**  
[22] 1998-10-19  
[43] 1999-04-17  
[30] US (062,005) 1997-10-17  
[30] US (160,601) 1998-09-25

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[21] **2,251,320**  
[13] A1

[51] **Int.Cl. 6H01Q 1/28 6H04B 7/185**  
[25] EN  
[54] **NON-UNIFORM MULTI-BEAM**  
**SATELLITE COMMUNICATIONS SYS-**  
**TEM AND METHOD**  
[54] **SYSTEME ET METHODE DE COM-**  
**MUNICATION A SATELLITES UTI-**  
**LISANT UNE CONFIGURATION DE**  
**FAISCEAUX NON UNIFORME**  
[72] REGULINSKI, Paul, US  
[72] NORIN, John L., US  
[72] PONTUAL, Romulo, US  
[72] RAO, Sudhakar, US  
[71] HUGHES ELECTRONICS CORPORA-  
**TION, US**  
[22] 1998-10-19  
[43] 1999-04-17  
[30] US (062,004) 1997-10-17  
[30] US (160,681) 1998-09-25

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[21] **2,251,421**  
[13] A1

[51] **Int.Cl. 6F16C 11/06 6B62D 7/16**  
[25] EN  
[54] **BALL JOINT**  
[54] **JOINT A ROTULE**  
[72] URBACH, Brian A., US  
[71] TRW INC., US  
[22] 1998-10-16  
[43] 1999-04-16  
[30] US (08/951,529) 1997-10-16

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[21] **2,251,424**  
[13] A1

[51] **Int.Cl. 6F21V 19/00 6F21Q 1/00**  
**6F21V 7/10 6B60Q 1/52**  
[25] EN  
[54] **LIGHT EMITTING DIODE 360.DE-**  
**GREE. WARNING LAMP**  
[54] **AVERTISSEUR LUMINEUX OMNI-**  
**DIRECTIONNEL A DIODES ELEC-**  
**TROLUMINESCENTES**  
[72] SNIEGOCKI, Paul G., US  
[72] POND, Gregory, US  
[72] SUCKOW, Chris A., US  
[72] ROLLER, Philip C., US  
[71] TRUCK-LITE COMPANY, INC., US  
[22] 1998-10-16  
[43] 1999-04-17  
[30] US (08/953,161) 1997-10-17

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[21] **2,251,429**  
[13] A1

[51] **Int.Cl. 6C08K 3/22 6C08K 9/06**  
[25] EN  
[54] **ACID-RESISTANT, THERMO-**  
**PLASTIC RESIN COMPOSITION CON-**  
**TAINING MAGNESIUM HYDROXIDE**  
**AND ITS USE**  
[54] **COMPOSITION A BASE DE**  
**RESINE THERMOPLASTIQUE, CON-**  
**TENANT DE L'HYDROXYDE DE MA-**  
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[13] A1

[51] **Int.Cl. 6H04Q 7/30 6H04Q 7/20**  
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[25] EN  
[54] **IMPROVED APPARATUS AND**  
**METHOD OF PROVIDING A MOBILE**  
**COMMUNICATION SYSTEM**  
[54] **APPAREIL ET METHODE AME-**  
**LIORES SERVANT A REALISER UN**  
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[72] LUCIDARME, Thierry, FR  
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[13] A1

[51] **Int.Cl. 6E03C 1/284 6E03C 1/26**

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[25] EN  
[54] WEATHERED REEF-BUILDING  
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FRITES  
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[51] Int.Cl. 6G06K 9/00 6G06K 9/32  
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[25] EN  
[54] METHOD AND APPARATUS FOR  
IMAGE REGISTRATION  
[54] PROCEDE ET APPAREIL DE SU-  
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[72] MILLER, Michael I., US  
[72] GRENANDER, Ulf, US  
[72] JOSHI, Sarang C., US  
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[30] US (08/678,628) 1996-07-10

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[51] Int.Cl. 6C07C 43/23 6C07D 473/00  
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[25] EN  
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[51] Int.Cl. 6G06K 19/077  
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[13] A1  
[51] Int.Cl. 6C07D 405/12 6C07D 471/08  
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TEURS DE CHEMOKINES  
[72] NAYA, Akira, JP  
[72] IWASAWA, Yoshikazu, JP  
[72] OWADA, Yufu, JP  
[72] OHWAKI, Kenji, JP  
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[71] BANYU PHARMACEUTICAL CO.,  
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6H04Q 7/06 6G01S 13/74  
[25] EN  
[54] PORTABLE TRACKING APPARATUS FOR CONTINUOUS POSITION DETERMINATION OF CRIMINAL OFFENDERS AND VICTIMS  
[54] APPAREIL DE POURSUITE PORTABLE POUR DETERMINER LA POSITION EN CONTINU D'AUTEURS ET DE VICTIMES D'INFRACTIONS  
[72] LAYSON, Hoyt M., Jr., US  
[71] PRO-TECH MONITORING, INC., US  
[85] 1999-01-21  
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[87] 1998-02-26 (WO98/08204)  
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[51] Int.Cl. 6C07D 211/46 6C07D 401/06 6C07D 405/06 6C07D 409/06 6C07D 413/06 6C07D 417/06 6C07D 401/14 6C07D 405/14 6C07D 409/14 6A61K 31/445 6A61K 31/47 6A61K 31/495 6C07C 59/56 6C07D 211/58 6C07D 213/75  
[25] EN  
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[54] DERIVES DE PIPERIDINE FLUORES A DISUBSTITUTION EN POSITION 1,4  
[72] OHWAKI, Kenji, JP  
[72] NOMOTO, Takashi, JP  
[72] OHSAWA, Hirokazu, JP  
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[25] EN  
[54] NOVEL TRICYCLIC N-CYANOIMINES USEFUL AS INHIBITORS OF FARNESYL-PROTEIN TRANSFERASE  
[54] NOUVELLES N-CYANO-IMINES TRICYCLIQUES UTILES EN TANT QU'INHIBITEURS DE LA FARNESYLE TRANSFERASE  
[72] SAKSENA, Anil K., US  
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[72] GIRIJAVALLABHAN, Viyyoor M., US  
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[72] WANG, James J-S, US  
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[72] COOPER, Alan B., US  
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[87] 1998-02-05 (WO98/04545)  
[30] US (08/690,522) 1996-07-31

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[21] **2,261,725**  
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[51] Int.Cl. 6C07D 405/14 6C07D 495/04 6A61K 38/04 6C07F 7/10 6C07D 409/14 6C07D 413/14 6C07D 417/14 6A61K 31/445 6A61K 31/47 6A61K 31/495 6A61K 31/53 6A61K 31/535 6A61K 31/695  
[25] EN  
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[54] ANTAGONISTES MUSCARINIQUES  
[72] CHACKALAMANNIL, Samuel, US  
[72] BOYLE, Craig D., US  
[72] TOM, Wing, US  
[72] VICE, Susan F., US  
[72] ASBEROM, Theodor, US  
[72] KOZLOWSKI, Joseph A., US  
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[72] BROWNE, Margaret E., US  
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[72] McCOMBIE, Stuart W., US  
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[51] Int.Cl. 6C07C 15/107 6C07F 1/00  
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6H01M 6/04 6H01M 6/14 6H01M 6/16  
6H01M 4/36 6C07C 211/65 6C07C 2/68  
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[25] EN  
[54] **LINEAR ALKYL BENZENE FORMATION USING LOW TEMPERATURE IONIC LIQUID AND LONG CHAIN ALKYLATING AGENT**  
[54] **FORMATION D'ALKYL BENZENE LINEAIRE AU MOYEN D'UN LIQUIDE IONIQUE BASSE TEMPERATURE ET D'UN AGENT D'ALKYLATION A CHAINE LONGUE**  
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[72] GRECO, Carl C., US  
[72] TALMA, Auke G., NL  
[72] SHERIF, Fawzy G., US  
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[13] A1  
[51] Int.Cl. 6C07C 409/24 6C07C 407/00  
6C11D 3/39  
[25] EN  
[54] **A PROCESS FOR FORMING A PERACID AND A COMPOSITION COMPRISING SAID PERACID**  
[54] **PROCEDE DE PRODUCTION D'UN PERACIDE ET COMPOSITION COMPRENANT CE PERACIDE**  
[72] BIANCHETTI, Giulia Ottavia, IT  
[72] CAMPESTRINI, Sandro, IT  
[72] SCIALLA, Stefano, IT  
[72] DI FURIA, Fulvio, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-01-28  
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[87] 1998-02-05 (WO98/04659)  
[30] EP (96202168.9) 1996-07-31

[21] **2,261,760**  
[13] A1  
[51] Int.Cl. 6C07D 413/12 6C07D 405/12  
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495 6A61K 31/70  
[25] EN  
[54] **SULFONAMIDES AND DERIVATIVES THEREOF THAT MODULATE THE ACTIVITY OF ENDOTHELIN**  
[54] **SULFONAMIDES ET DERIVES DE CEUX-CI, MODULANT L'ACTIVITE DE L'ENDOTHELINE**  
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[72] BLOK, Natalie, US  
[72] WOODARD, Patricia, US  
[72] RAJU, Bore Gowda, US  
[72] WU, Chengde, US  
[71] TEXAS BIOTECHNOLOGY CORPORATION, US  
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[87] 1998-04-02 (WO98/13366)  
[30] US (08/721,183) 1996-09-27

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[13] A1  
[51] Int.Cl. 6A61K 31/155 6A61K 31/16  
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[54] **PROCEDES DE TRAITEMENT DES TRAUMAS ET TROUBLES OCULAIRES**  
[72] McBURNEY, Robert N., US  
[71] CAMBRIDGE NEUROSCIENCE, INC., US  
[85] 1999-01-25  
[86] 1997-07-25 (PCT/US97/13203)  
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[30] US (08/686,494) 1996-07-25

[21] **2,261,776**  
[13] A1  
[51] Int.Cl. 6C07F 7/10 6C07F 9/02 6C07C  
291/10 6C07C 59/56 6C07C 205/56 6C09K  
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[54] **COMPOSITION DE CRISTAUX LIQUIDES ET COUCHE D'ALIGNEMENT**  
[72] RATNA, Banahalli, US  
[72] SCHNUR, Joel M., US  
[72] CALVERT, Jeffrey M., US  
[72] CHEN, Mu-San, US  
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[72] SHASHIDHAR, Ranganathan, US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE, US  
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[85] 1999-01-20  
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[87] 1998-02-05 (WO98/04652)  
[30] US (60/022,588) 1996-07-25

[21] **2,261,778**  
[13] A1  
[51] Int.Cl. 6G06F 3/14 6G09G 5/10  
[25] EN  
[54] **ANTI-EYE STRAIN APPARATUS AND METHOD**  
[54] **APPAREIL ET PROCEDE DE PREVENTION DE LA FATIGUE OCULAIRE**  
[72] WAGNER, Roger, US  
[71] WAGNER, Roger, US  
[85] 1999-01-25  
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[25] EN

[54] NOVEL CARBOCYCLIC DIARYL-  
METHYLENE DERIVATIVES, ME-  
THODS FOR PREPARING SAME, AND  
THERAPEUTICAL USES THEREOF

[54] NOUVEAUX DERIVES DIARYL-  
METHYLENE CARBOCYCLIQUES,  
LEURS PROCEDES DE PREPARATION  
ET LEURS UTILISATIONS EN THERA-  
PEUTIQUE

[72] GUNGOR, Timur, FR

[72] TEULON, Jean-Marie, FR

[71] LABORATOIRES UPSA, FR

[85] 1999-01-20

[86] 1997-07-31 (PCT/FR97/01432)

[87] 1998-02-12 (WO98/05639)

[30] FR (96/09741) 1996-08-01

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[13] A1

[51] Int.Cl. 6C07D 263/34 6C07D 413/00  
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METHODS OF USE THEREOF

[54] INHIBITEURS DE PHOSPHATASE  
ET LEUR UTILISATION

[72] WIPF, Peter, US

[72] CUNNINGHAM, April, US

[72] LAZO, John S., US

[72] RICE, Robert L., US

[71] UNIVERSITY OF PITTSBURGH, US

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[30] US (08/688,530) 1996-07-30

[21] **2,261,795**  
[13] A1

[51] Int.Cl. 6G09F 9/37

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[54] DISPOSITIF OPTIQUE D'AF-  
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[30] JP (9-154346) 1997-05-29

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[13] A1

[51] Int.Cl. 6C07D 471/08 6C07D 519/00  
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[25] EN

[54] 1-AZONIABICYCLO-2.2.1|HEP-  
TANE DERIVATIVES AND PHARMA-  
CEUTICAL COMPOSITIONS  
CONTAINING THEM

[54] DERIVES DE 1-AZONIABICY-  
CLO-2.2.1|HEPTANE ET COMPOSI-  
TIONS PHARMACEUTIQUES LES  
CONTENANT

[72] EMONDS-ALT, Xavier, FR

[72] GUEULE, Patrick, FR

[72] PROIETTO, Vincenzo, FR

[72] VAN BROECK, Didier, FR

[72] TAILLADES, Joëlle, FR

[71] SANOFI, FR

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[86] 1997-07-25 (PCT/FR97/01393)

[87] 1998-02-05 (WO98/04561)

[30] FR (96 09439) 1996-07-26

[21] **2,261,813**  
[13] A1

[51] Int.Cl. 6A61K 31/44 6A61K 45/06

[25] EN

[54] PHARMACEUTICAL COMPOSI-  
TION CONTAINING A 5HT2C ANTA-  
GONIST AND A D2 ANTAGONIST

[54] COMPOSITION PHARMACEU-  
TIQUE CONTENANT UN ANTAGO-  
NISTE 5HT2C ET UN ANTAGONISTE  
D2

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[71] SMITHKLINE BEECHAM P.L.C., GB

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[86] 1997-07-22 (PCT/EP97/04159)

[87] 1998-02-05 (WO98/04289)

[30] GB (9615767.2) 1996-07-26

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[13] A1

[51] Int.Cl. 6C07C 311/20 6C07C 311/07  
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6C07C 335/22 6C07C 311/29 6C07C 275/  
40 6C07C 275/42 6C07D 213/81

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TORS

[54] INHIBITEURS DU CANAL DE PO-  
TASSIUM

[72] MENDOZA, Jose S., US

[72] HUGHES, Philip F., US

[72] McNAUGHTON-SMITH, Grant, US

[72] WILSON, Joseph W., US

[72] GROSS, Michael, US

[72] BEAUDOIN, Serge, US

[72] AMATO, George S., US

[72] HOLLINSHEAD, Sean P., US

[72] CASTLE, Neil A., US

[71] ICAGEN, INC., US

[71] ELI LILLY AND COMPANY, US

[85] 1999-01-25

[86] 1997-07-23 (PCT/US97/12559)

[87] 1998-02-05 (WO98/04521)

[30] US (60/022,547) 1996-07-26

[30] US (08/893,160) 1997-07-15

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[13] A1

[51] Int.Cl. 6C07C 255/24 6C07C 211/12  
6C07C 253/30 6C07C 209/60

[25] EN

[54] PROCESS FOR PREPARING 6-  
AMINOCAPRONITRILE

[54] PROCEDE POUR PREPARER DU 6-  
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[72] ROPER, Michael, DE

[72] PACIELLO, Rocco, DE

[72] SCHNURR, Werner, DE

[71] BASF AKTIENGESELLSCHAFT, DE

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[87] 1998-02-12 (WO98/05631)

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6C07C 47/21 6C07C 29/32 6C07C 29/44  
6C07C 45/45  
[25] EN  
[54] **PROCESS FOR PREPARING AL-  
COHOLS AND/OR ALDEHYDES FROM  
OLEFINS**  
[54] **PROCEDE DE PREPARATION  
D'ALCOOLS ET/OU D'ALDEHYDES A  
PARTIR D'OLEFINES**  
[72] PACIELLO, Rocco, DE  
[72] SCHWAB, Peter, DE  
[72] HOHN, Arthur, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
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[30] DE (19629369.3) 1996-07-20  
[30] DE (19642278.7) 1996-10-11

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[51] Int.Cl. 6C07C 211/40 6A61K 31/135  
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6A61K 31/495 6C07C 211/52 6A61K 31/  
535 6A61K 31/55 6C07C 217/56 6C07D  
211/70  
[25] FR  
[54] **AMINES POUR LA FABRICATION  
DE MEDICAMENTS DESTINES A EM-  
PECHER LA PROLIFERATION DE  
CELLULES TUMORALES**  
[54] **USE OF AMINES TO PRODUCE  
DRUGS FOR PREVENTING TUMOUR  
CELL PROLIFERATION**  
[72] ROSENFELD, Jorge, FR  
[72] FERRARA, Pascual, FR  
[72] PAUL, Raymond, FR  
[72] LEBOUTEILLER, Christine, FR  
[72] BRELIERE, Jean-Claude, FR  
[72] VAN BROECK, Didier, FR  
[71] SANOFI, FR  
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[87] 1998-02-05 (WO98/04251)  
[30] FR (96/09531) 1996-07-29

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[13] A1  
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12 6C07D 409/12 6C07D 233/86  
[25] FR  
[54] **INTERMEDIAIRES POUR LA  
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ONES**  
[54] **INTERMEDIATES FOR THE PRE-  
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[72] BUFORN, Albert, FR  
[72] GADRAS, Alain, FR  
[71] RHONE POULENC AGRO, FR  
[85] 1999-01-21  
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[51] Int.Cl. 6G07C 1/10  
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[54] **SERVICE CONTROL AND MA-  
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[72] DARTIGUES, Guy, FR  
[72] FERRARIS, Claude, FR  
[72] GUISTINI, Guy, FR  
[71] GEMPLUS S.C.A., FR  
[85] 1999-01-20  
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[51] Int.Cl. 6A61F 13/15  
[25] EN  
[54] **PERSONAL CARE ARTICLE WITH  
APERTURE ALIGNED FOR RECEI-  
VING FECAL MATERIAL**  
[54] **ARTICLE D'HYGIENE PERSON-  
NELLE DOTE D'UNE OUVERTURE  
ALIGNEE DESTINE A LA RECEPTION  
DE MATIERES FECALES**  
[72] SAUER, Barbara Oakley, US  
[72] SERBIAK, Paul John, US  
[72] VOGT, Robert Eugene, US  
[71] KIMBERLY-CLARK WORLDWIDE,  
INC., US  
[85] 1999-01-22  
[86] 1997-08-29 (PCT/US97/15261)  
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[30] US (08/705,374) 1996-08-29  
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[51] Int.Cl. 6C07D 333/24 6C07D 409/08  
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[25] FR  
[54] **DERIVES DU THIENYL CYCLO-  
HEXANE POUR LA SYNTHESE DE  
THIENYL CYCLOHEXYLES**  
[54] **THIENYL CYCLOHEXANE DERI-  
VATIVES FOR THIENYL CYCLO-  
HEXYL SYNTHESIS**  
[72] DAFNIET, Michel, FR  
[72] CAZAUX, Jean-Bernard, FR  
[72] MANGINOT, Eric, FR  
[72] KAMENKA, Jean-Marc, FR  
[71] SOCIÉTÉ D'EXPANSION SCIENTI-  
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[85] 1999-01-22  
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[87] 1998-01-29 (WO98/03498)  
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[51] Int.Cl. 6C07D 295/037 6A61K 31/14  
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6A61K 31/445 6A61K 31/535 6A61K 31/69  
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PHARMACEUTIQUES LES CONTE-  
NANT**  
[54] **ANTIMALARIAL AND ANTI-BA-  
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TICAL COMPOSITIONS CONTAINING  
SAME**  
[72] VIAL, Henri, FR  
[72] CALAS, Michele, FR  
[72] ANCELIN, Marie-Laure, FR  
[72] GIRAL, Louis, FR  
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[13] A1

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[54] **CATALYTIC PREPARATION PROCESS OF N-ACYLGLYCINE DERIVATIVES**  
[54] **PROCEDE DE PREPARATION CATALYTIQUE DE DERIVES DE N-ACYLGLYCINE**  
[72] BOGDANOVIC, Sandra, DE  
[72] GEISLER, Holger, DE  
[71] HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND GMBH & CO. KG, DE  
[85] 1999-01-22  
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[30] DE (196 29 717.6) 1996-07-25

[21] **2,261,855**  
[13] A1

[51] **Int.Cl. 6A61L 2/16 6G02C 13/00**

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[54] **SURFACES HYPERBACTERICIDES**  
[54] **HYPERBACTERICIDAL SURFACES**  
[72] RONDELEZ, Francis, FR  
[72] BEZOU, Pascal, FR  
[72] BOULOUSA, Othman, FR  
[71] INSTITUT CURIE, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
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[86] 1997-07-25 (PCT/FR97/01403)  
[87] 1998-02-05 (WO98/04296)  
[30] FR (96/09677) 1996-07-31

[21] **2,261,865**  
[13] A1

[51] **Int.Cl. 6C09B 63/00 6C09D 11/00 6C09D 7/12 6C09B 45/22 6C08K 5/42**

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[54] **LAKE OF AN AZO DYESTUFF**  
[54] **LAQUE CONSTITUEE D'UN COLORANT AZOIQUE**  
[72] BINDRA, Amrit, US  
[71] ENGELHARD CORPORATION, US  
[85] 1999-01-29  
[86] 1997-07-18 (PCT/US97/12613)  
[87] 1998-02-12 (WO98/05718)  
[30] US (08/689,177) 1996-08-06

[21] **2,261,879**  
[13] A1

[51] **Int.Cl. 6A61K 9/12 6A61M 15/00 6A61K 45/06**

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[54] **AEROSOL FORMULATIONS**  
[54] **FORMULATIONS D'AEROSOL**  
[72] MILLAR, Fiona, GB  
[71] NORTON HEALTHCARE LIMITED, GB  
[85] 1999-01-27  
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[30] GB (9616237.5) 1996-08-01

[21] **2,261,885**  
[13] A1

[51] **Int.Cl. 6A61K 38/08 6C12N 5/06 6C12N 5/08**

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[54] **TRAITEMENT A LA SUBSTANCE P POUR L'IMMUNOSTIMULATION**  
[72] HARRIS, David T., US  
[72] WITTEN, Mark L., US  
[71] HARRIS, David T., US  
[71] WITTEN, Mark L., US  
[85] 1999-01-22  
[86] 1997-07-08 (PCT/US97/13146)  
[87] 1998-01-29 (WO98/03194)  
[30] US (60/022,063) 1996-07-23  
[30] US (08/829,445) 1997-03-28

[21] **2,261,887**  
[13] A1

[51] **Int.Cl. 6A61K 47/48**

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[54] **COVALENT POLAR LIPID CONJUGATES WITH BIOLOGICALLY-ACTIVE COMPOUNDS FOR USE IN SALVES**  
[54] **CONJUGUES LIPIDIQUES POLAIRES COVALENTS ASSOCIES A DES COMPOSES BIOLOGIQUEMENT ACTIFS UTILISABLES DANS LES ONGUENTS**  
[72] YATVIN, Milton B., US  
[72] STOWELL, Michael H. B., US  
[71] OREGON HEALTH SCIENCES UNIVERSITY, US  
[85] 1999-01-22  
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[21] **2,261,894**  
[13] A1

[51] **Int.Cl. 6B01J 23/652 6C07C 53/08 6C07C 51/215 6C07C 51/25 6B01J 23/89**

[25] EN  
[54] **SELECTIVE PREPARATION PROCESS OF ACETIC ACID AND CATALYSTS THEREFOR**  
[54] **PROCEDE DE PRODUCTION SELECTIVE D'ACIDE ACETIQUE, ET CATALYSEUR POUVANT ETRE UTILISE A CET EFFET**  
[72] DINGERDISSEN, Uwe, DE  
[72] BORCHERT, Holger, DE  
[71] AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO. KG, DE  
[85] 1999-01-29  
[86] 1997-07-16 (PCT/EP97/03809)  
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[30] DE (196 30 832.1) 1996-07-31

[21] **2,261,902**  
[13] A1

[51] **Int.Cl. 6C07K 14/47 6A61K 51/08**

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[54] **RADIOLABELED ANNEXINS**  
[54] **ANNEXINES RADIOMARQUEES**  
[72] KASINA, Sudhakar, US  
[72] RENO, John M., US  
[72] FRITZBERG, Alan R., US  
[72] TAIT, Jonathan, US  
[71] UNIVERSITY OF WASHINGTON, US  
[71] NEORX CORPORATION, US  
[85] 1999-01-22  
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[87] 1998-02-05 (WO98/04294)  
[30] US (08/690,184) 1996-07-26

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[25] EN  
[54] QUINOLINE SULFIDE DERIVATIVES  
[54] DERIVES DE SULFURE DE QUINOLEINE  
[72] KAWASHIMA, Seiichiro, JP  
[72] KANDA, Toshihisa, JP  
[72] INOUE, Tsuneo, JP  
[72] SAITO, Ken-ichi, JP  
[72] TERADA, Sumio, JP  
[72] SASAHARA, Hiroya, JP  
[72] SUZUKI, Toshiaki, JP  
[71] ZENYAKU KOGYO KABUSHIKI KAISHA, JP  
[85] 1999-01-29  
[86] 1997-07-30 (PCT/JP97/02641)  
[87] 1998-02-05 (WO98/04529)  
[30] JP (8-200466) 1996-07-30

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[13] A1  
[51] Int.Cl. 6C07D 475/02 6C07D 519/00  
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[25] EN  
[54] BICYCLIC PYRIMIDINE DERIVATIVES AND THEIR USE AS ANTI-COAGULANTS  
[54] DERIVES DE LA PYRIMIDINE BICYCLIQUE ET LEUR UTILISATION COMME ANTI-COAGULANTS  
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[72] MORRISSEY, Michael M., US  
[72] MOHAN, Raju, US  
[71] SCHERING AKTIENGESELLSCHAFT, DE  
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[87] 1998-02-26 (WO98/07723)  
[30] US (08/699,372) 1996-08-16

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[25] EN  
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[54] DISPOSITIF D’AFFICHAGE ELECTROLUMINESCENT  
[72] JOHNSON, William Robin, CA  
[72] TORMA, Tamas L., CA  
[72] HEROPOULOS, George W., US  
[71] JUNK YARD DOGS, LTD., US  
[85] 1999-01-22  
[86] 1997-07-23 (PCT/US97/12814)  
[87] 1998-01-29 (WO98/03962)  
[30] US (08/685,236) 1996-07-23  
[30] US (08/685,238) 1996-07-23

[21] **2,261,916**  
[13] A1  
[51] Int.Cl. 6C07D 215/18 6C07D 215/06  
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[25] EN  
[54] 4-SUBSTITUTED QUINOLINE DERIVATIVES HAVING FUNGICIDAL ACTIVITY  
[54] DERIVES DE QUINOLEINE 4-SUBSTITUEE DOTES D’UNE ACTIVITE FONGICIDE  
[72] DAEUBLE, John, US  
[72] DAVIS, L. Navelle, US  
[72] KIRBY, Neil, US  
[72] PIECZKO, Mary, US  
[72] THOMASON, Lori K., US  
[72] HELLWIG, Karin, US  
[72] PARKER, Marshall H., US  
[71] DOW AGROSCIENCES LLC, US  
[85] 1999-01-27  
[86] 1997-07-31 (PCT/US97/13090)  
[87] 1998-02-12 (WO98/05645)  
[30] US (60/022,907) 1996-08-01

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[51] Int.Cl. 6G08G 5/00 6G01C 23/00  
[25] EN  
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[54] EQUIPEMENT ELECTRONIQUE DE BORD ASSURANT LA LIAISON DE DONNEES AU COURS DES MISSIONS  
[72] SABATINO, Anthony E., US  
[72] TRAN, My, US  
[71] HONEYWELL INC., US  
[85] 1999-01-22  
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[87] 1998-02-05 (WO98/05017)  
[30] US (08/685,998) 1996-07-25

[21] **2,261,946**  
[13] A1  
[51] Int.Cl. 6A61K 31/44 6A61K 9/70  
[25] EN  
[54] METHOD FOR TREATING NICOTINE WITHDRAWAL  
[54] PROCEDE DE TRAITEMENT DU SYNDROME LIE AU SEVRAGE DE LA NICOTINE  
[72] RASMUSSEN, Kurt, GB  
[71] ELI LILLY AND COMPANY, US  
[85] 1999-01-27  
[86] 1997-07-28 (PCT/US97/13188)  
[87] 1998-02-12 (WO98/05326)  
[30] US (60/022,902) 1996-08-01

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[13] A1  
[51] Int.Cl. 6A61L 9/01 6A61L 9/04  
[25] EN  
[54] AIR TREATMENT GEL COMPOSITIONS  
[54] COMPOSITIONS DE GEL DE TRAITEMENT DE L’AIR  
[72] MODI, Jashawant, US  
[71] HERCULES INCORPORATED, US  
[85] 1999-01-29  
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[13] A1

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[25] EN

[54] **MOLECULAR MODEL FOR VLA-4 INHIBITORS**

[54] **MODELE MOLECULAIRE POUR INHIBITEURS VL4-4**

[72] ZHENG, Zhongli, US

[72] SPRAGUE, Peter, US

[72] CASTRO, Alfredo C., US

[72] ADAMS, Steven P., US

[72] VAN VLIJMEN, Herman W. T., US

[72] SINGH, Juswinder, US

[71] BIOGEN, INC., US

[85] 1999-01-22

[86] 1997-07-24 (PCT/US97/13008)

[87] 1998-02-05 (WO98/04913)

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[30] US (60/032,786) 1996-12-06

[30] US (60/057,002) 1997-06-30

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[13] A1

[51] **Int.Cl. 6A61K 31/725 6A61K 31/70**

[25] EN

[54] **MANNOS-6-PHOSPHATE COMPOSITION AND ITS USE IN TREATING FIBROTIC DISORDERS**

[54] **COMPOSITION A BASE DE MANNOS-6-PHOSPHATE ET SON UTILISATION DANS LE TRAITEMENT DE TROUBLES D'ORDRE FIBREUX**

[72] FERGUSON, Mark William James, GB

[71] BTG INTERNATIONAL LIMITED, GB

[85] 1999-01-22

[86] 1997-07-31 (PCT/GB97/02076)

[87] 1998-02-19 (WO98/06406)

[30] GB (9616896.8) 1996-08-12

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[21] **2,262,086**  
[13] A1

[51] **Int.Cl. 6A61K 31/565**

[25] EN

[54] **USE OF A DEHYDROEPIANDROSTERONE DERIVATIVE FOR ENHANCING OR ACCELERATING RE-EPI-THELIALIZATION OR RE-ENDO-THE- LIALIZATION OF A TISSUE**

[54] **UTILISATION D'UN DERIVE DE DESHYDROEPIANDROSTERONE POUR ACCROITRE OU ACCELERER LA REEPITHELIALISATION OU LA REENDOTHELIALISATION D'UN TISSU**

[72] ARANEO, Barbara A., US

[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US

[85] 1999-01-27

[86] 1997-07-31 (PCT/US97/12954)

[87] 1998-02-12 (WO98/05338)

[30] US (08/695,769) 1996-08-01

[30] US (08/869,177) 1997-06-05

[30] US (08/901,085) 1997-07-28

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[13] A1

[51] **Int.Cl. 6A61K 7/11**

[25] EN

[54] **LOW VOC HAIR SPRAYS CONTAINING CELLULOSE ETHERS**

[54] **LAQUES POUR CHEVEUX, A FAIBLE TENEUR EN COMPOSES ORGANIQUES VOLATILS CONTENANT DES ETHERS DE CELLULOSE**

[72] CHAN, Anita N., US

[72] CLAYTON, Anthony B., US

[72] MODI, Jashawant J., US

[71] HERCULES INCORPORATED, US

[85] 1999-01-26

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[87] 1998-11-12 (WO98/50008)

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[13] A1

[51] **Int.Cl. 6B32B 5/02 6B32B 27/12 6A61F 13/15**

[25] EN

[54] **POLYOLEFIN/FILLER FILMS HAVING INCREASED WVTR AND METHOD FOR MAKING**

[54] **FEUILS CHARGES EN POLYOLEFINE PRESENTANT UNE VITESSE ACCRUE DE TRANSMISSION DE VAPEUR D'EAU ET LEUR PROCEDE DE FABRICATION**

[72] BRADY, Kevin A., US

[72] MIDDLESWORTH, Jeffrey A., US

[71] EXXON CHEMICAL PATENTS INC., US

[85] 1999-01-26

[86] 1997-07-31 (PCT/US97/13578)

[87] 1998-02-12 (WO98/05501)

[30] US (08/691,104) 1996-08-01

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[13] A1

[51] **Int.Cl. 6H04N 7/26 6H04N 7/52**

[25] EN

[54] **SYSTEM AND METHOD FOR DIGITALLY ENCODING AND COM- PRESSING VBI SIGNALS**

[54] **SYSTEME ET PROCEDE DE CO- DAGE ET DE COMPRESSION NUME- RIQUES DES SIGNAUX DE L'INTER- VALLE DE SUPPRESSION DE TRAME**

[72] D'OREYE DE LANTREMANGE, Max- imilien, BE

[72] BENNETT, Christopher J., US

[71] TIERNAN COMMUNICATIONS, INC., US

[85] 1999-01-28

[86] 1997-07-29 (PCT/US97/13365)

[87] 1998-02-05 (WO98/05167)

[30] US (60/022,800) 1996-07-30

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[13] A1

[51] **Int.Cl. 6C10G 65/02 6C10G 45/00 6B01J 8/04**  
[25] EN  
[54] **COUNTERCURRENT REACTION VESSEL**  
[54] **CUVE A REACTION A CONTRE COURANT**  
[72] SCHORFHEIDE, James J., US  
[72] FLEMING, Dennis D., GB  
[72] DANKWORTH, David C., US  
[72] GUPTA, Ramesh, US  
[72] ELLIS, Edward S., US  
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US  
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[30] US (08/702,334) 1996-08-23

[21] **2,262,372**  
[13] A1

[51] **Int.Cl. 6C11D 3/14 6C11D 17/00 6C11D 3/02 6C11D 3/10 6C11D 3/20 6C11D 3/36 6C11D 3/43**  
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[54] **NETTOYAGE ABRASIF DE SYSTEMES DE DISTRIBUTION DE FLUIDES**  
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[72] WARREN, Jonathan N., US  
[72] DENEAU, Robert N., US  
[71] PPG INDUSTRIES, INC., US  
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[13] A1

[51] **Int.Cl. 6G08G 5/02 6G01C 23/00 6G09B 9/24**  
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[54] **VEHICLE COURSE STEERING AID DEVICE**  
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[72] AYMERIC, Bruno, FR  
[71] SEXTANT AVIONIQUE, FR  
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[54] **ETUI DE RANGEMENT ET SON SUPPORT**  
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[71] MEBIUS CO., LTD., JP  
[85] 1999-02-04  
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[51] **Int.Cl. 6C12N 15/12 6A61K 38/17 6C07K 14/47**  
[25] EN  
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[54] **PROTEINES SECRETEES ET POLYNUCLEOTIDES CODANT CES PROTEINES**  
[72] MERBERG, David, US  
[72] TREACY, Maurice, US  
[72] SPAULDING, Vikki, US  
[72] EVANS, Cheryl, US  
[72] JACOBS, Kenneth, US  
[72] McCOY, John M., US  
[72] COLLINS-RACIE, Lisa A., US  
[72] LaVALLIE, Edward R., US  
[71] GENETICS INSTITUTE, INC., US  
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[54] **METHOD AND APPARATUS FOR HIP PROSTHESIS**  
[54] **PROCEDE ET APPAREIL POUR PROTHESE DE LA HANCHE**  
[72] KOMISTEK, Richard D., US  
[72] DENNIS, Douglas A., US  
[71] ROSE BIOMEDICAL RESEARCH, US  
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[54] **PROCEDE ET APPAREIL DE STIMULATION DU SYSTEME VISUEL**  
[72] GRUDENICH-DIX, Robin Leslie, AU  
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[54] **OUTFIT SUPPORTING MEMBER AND OUTFIT MADE BY USING THE SAME**  
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[72] TAKEKAWA, Naomitsu, JP  
[72] UCHINO, Hiroyuki, JP  
[72] KATOH, Yukihiko, JP  
[72] IZUMIHARA, Yoshikazu, JP  
[72] MAKI, Hiroshi, JP  
[71] ALCARE Co., Ltd., JP  
[71] SAKASE\*ADTECH CO., LTD., JP  
[71] MAKI, Hiroshi, JP  
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[54] **COMPOSITION CONTENANT DE LA MUPIROCINE ET DE LA CHLORHEXIDINE**  
[72] LINLEY, Stanley Leslie, ZA  
[72] DROGEMOLLER, Monica Lucie, ZA  
[71] SMITHKLINE BEECHAM PHARMACEUTICALS (PTY.) LIMITED, ZA  
[85] 1999-01-28  
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[54] **ESTERS D'ALCOOL COMPLEXES A VISCOSITE ELEVEE**  
[72] TURNER, David W., US  
[72] MUNLEY, William J., US  
[72] KREVALIS, Martin A., US  
[72] GEISLER, Paul R., US  
[72] DUNCAN, Carolyn B., US  
[71] EXXON CHEMICAL PATENTS INC., US  
[85] 1999-02-04  
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[54] **POLYPROPYLENES AMELIORES POUR FILMS ORIENTES**  
[72] MCALPIN, James J., US  
[72] SPECA, Anthony N., US  
[72] LIN, Chon-Yie, US  
[72] CHEN, Michael Chia-Chao, US  
[72] MEHTA, Aspy K., US  
[72] TORMASCHY, Kelly, US  
[71] EXXON CHEMICAL PATENTS INC., US  
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[54] **BRUSH RING**  
[54] **COURONNE PORTE-BALAIS**  
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[72] SAJAKORPI, Kimmo, FI  
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[25] EN  
[54] **CATIONIC ELECTROCOATING COMPOSITIONS, METHOD OF MAKING, AND USE**  
[54] **COMPOSITIONS CATIONIQUES D'ELECTRODEPOSITION, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION**  
[72] McCOLLUM, Gregory J., US  
[72] O'NEILL, Patrick, US  
[72] KARABIN, Richard F., US  
[72] KAUFMAN, Marvin L., US  
[71] PPG INDUSTRIES, INC., US  
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[13] A1

[51] **Int.Cl. 6G07F 17/32 6G07C 15/00**  
[25] FR  
[54] **SYSTEME DE GESTION DES TRANSFERTS D'UNITES DE VALEURS DANS UN SYSTEME DE JEU A CARTES A PUCE**  
[54] **SYSTEM FOR MANAGING THE TRANSFER OF UNITS OF VALUE IN A CHIP CARD GAME SYSTEM**  
[72] FOGLINO, Jean-Jacques, FR  
[72] ORUS, Hervé, FR  
[71] GEMPLUS S.C.A., FR  
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[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO FLUID FILTRATION**  
[54] **PERFECTIONNEMENTS RELATIFS A LA FILTRATION DE FLUIDES**  
[72] NIEDERER, Kurt Willy, US  
[72] JONES, Cedric Richard, GB  
[71] PARFTEC LIMITED, GB  
[85] 1999-02-04  
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[30] GB (9616558.4) 1996-08-06  
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[72] SNELL, Robert Adam, GB  
[71] BTG INTERNATIONAL LIMITED, GB  
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[13] A1

[51] **Int.Cl. 6D21H 23/34 6B05C 5/02**  
[25] EN  
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[54] **DISPOSITIF D'ENDUCTION DE BANDES A ECOULEMENT NON TOURBILLONNAIRE**  
[72] AIDUN, Cyrus K., US  
[71] INSTITUTE OF PAPER SCIENCE & TECHNOLOGY, INC., US  
[85] 1999-02-01  
[86] 1997-07-31 (PCT/US97/13490)  
[87] 1998-02-19 (WO98/06504)  
[30] US (699,155) 1996-08-16

[21] **2,262,491**  
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[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
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[54] **PROCEDE DE TRADUCTION D'UN EN-TETE DE CELLULE POUR COMMUTATEUR ATM**  
[72] DELATTRE, Michel, FR  
[72] GUERIN, Didier, FR  
[72] BAVANT, Marc, FR  
[71] THOMSON-CSF, FR  
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<p style="text-align: center;">[21] <b>2,262,494</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16L 3/26 6H02G 3/06</b> [25] FR [54] <b>ECLISSE D'ASSEMBLAGE POUR TRONCONS DE CHEMINS DE CABLES ET TRONCONS DE CHEMINS DE CABLES OBTENUS</b> [54] <b>CONNECTING SPLICE FOR CABLE TROUGH SECTIONS, AND RESULTING CABLE TROUGH SECTIONS</b> [72] DURIN, Michel, FR [72] DECIRY, James, FR [72] BADEY, Claude, FR [71] METAL DEPLOYE S.A., FR [85] 1999-01-20 [86] 1997-07-23 (PCT/FR97/01368) [87] 1998-02-05 (WO98/04860) [30] FR (96/09686) 1996-07-26</p>	<p style="text-align: center;">[21] <b>2,262,509</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D01D 5/30 6D01F 8/04 6D04H 1/40</b> [25] EN [54] <b>SINGLE EXTRUDER MULTIPORTION FIBER</b> [54] <b>FIBRE UNIQUE MULTIPORTION EXTRUDEE</b> [72] MARMON, Samuel Edward, US [72] DELUCIA, Mary Lucille, US [71] KIMBERLY-CLARK WORLDWIDE, INC., US [85] 1999-02-01 [86] 1997-07-09 (PCT/US97/12449) [87] 1998-03-05 (WO98/09008) [30] US (08/708,009) 1996-08-30</p>	<p style="text-align: center;">[21] <b>2,262,522</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F02M 59/10 6F02M 51/04 6F02M 37/12</b> [25] EN [54] <b>FUEL PUMPING DEVICE FOR TWO-STROKE ENGINES WITH AN ADDITIONAL DRIVING UNIT</b> [54] <b>DISPOSITIF DE POMPAGE DE CARBURANT POUR MOTEURS DEUX TEMPS, COMPORTANT UNE UNITE D'ENTRAINEMENT SUPPLEMENTAIRE</b> [72] REMBOLD, Helmut, DE [71] ROBERT BOSCH GMBH, DE [85] 1999-02-01 [86] 1997-07-23 (PCT/DE97/01557) [87] 1998-02-12 (WO98/05860) [30] DE (196 31 287.6) 1996-08-02</p>
<p style="text-align: center;">[21] <b>2,262,516</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F23C 3/00 6F23D 14/10 6F23D 14/22</b> [25] EN [54] <b>RADIANT HEATER</b> [54] <b>CHAUFFAGE A CHALEUR RAYONNANTE</b> [72] KEMNA, Stephan, DE [71] KEMNA, Stephan, DE [85] 1999-02-02 [86] 1997-08-01 (PCT/EP97/04216) [87] 1998-02-12 (WO98/05902) [30] DE (196 31 475.5) 1996-08-03</p>	<p style="text-align: center;">[21] <b>2,262,524</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/62 6A61K 39/00 6C07K 19/00 6C12N 15/16 6C07K 7/23 6C07K 14/285 6C12N 15/31 6A61K 39/385</b> [25] EN [54] <b>GNRH-LEUKOTOXIN CHIMERAS</b> [54] <b>CHIMERES DE GNRH-LEUCOTOXINES</b> [72] MANNS, John G., CA [72] POTTER, Andrew A., CA [71] UNIVERSITY OF SASKATCHEWAN, CA [85] 1999-02-04 [86] 1997-08-08 (PCT/CA97/00559) [87] 1998-02-19 (WO98/06848) [30] US (08/694,865) 1996-08-09</p>	



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[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **METHOD FOR REMOVING AMPLIFICATION INHIBITORS FROM TEST SAMPLES**  
[54] **METHODE POUR ENLEVER LES INHIBITEURS D'AMPLIFICATION DES ECHANTILLONS D'ESSAI**  
[72] LIN, Bor-Chian, US  
[72] LECKIE, Gregor W., US  
[72] HALAKA, Folim G., US  
[72] ERICKSON, Dwight, US  
[72] HE, Qizhi, US  
[71] ABBOTT LABORATORIES, US  
[85] 1999-02-05  
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[51] **Int.Cl. 6C12N 15/86 6A61K 48/00 6C07K 19/00 6C07K 14/01 6C12N 7/01 6C12N 15/12 6C12N 15/34 6C07K 14/47 6C12N 15/62 6A61K 31/70 6C12N 15/79**  
[25] EN  
[54] **PHAGE BONDED TO NUCLEAR LOCATION SIGNAL**  
[54] **PHAGE LIE AU SIGNAL DE LOCALISATION NUCLEAIRE**  
[72] HASEGAWA, Mamoru, JP  
[72] AKUTA, Teruo, JP  
[72] NAKANISHI, Mahito, JP  
[72] NAGOSHI, Emi, JP  
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[51] **Int.Cl. 6A61K 31/335**  
[25] EN  
[54] **METHOD OF REGULATING THE FEMALE REPRODUCTIVE SYSTEM THROUGH ANGIOGENESIS INHIBITORS**  
[54] **PROCEDE DE REGULATION DU SYSTEME REPRODUCTEUR FEMELLE AU MOYEN D'INHIBITEURS DE L'ANGIOGENESE**  
[72] KLAUBER, Nancy, US  
[72] D'AMATO, Robert J., US  
[71] THE CHILDREN'S MEDICAL CENTER CORPORATION, US  
[85] 1999-01-29  
[86] 1997-08-01 (PCT/US97/13882)  
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[30] US (60/023,385) 1996-08-02

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[51] **Int.Cl. 6C08J 3/28 6C08J 7/00 6C08K 5/00 6B65D 81/24**  
[25] EN  
[54] **METHOD OF TRIGGERING OXYGEN SCAVENGING COMPOSITION WITH PULSED LIGHT**  
[54] **PROCEDE D'ACTIVATION D'UNE COMPOSITION DESOXYGENANTE PAR LA LUMIERE PULSEE**  
[72] COOK, Philip H., Jr., US  
[72] FEEHLEY, William A., US  
[72] CRADDOCK, Melania M., US  
[72] SPEER, Drew V., US  
[72] MIRANDA, Nathanael R., US  
[72] THOMAS, Jeffrey A., US  
[71] CRYOVAC, INC., US  
[85] 1999-02-01  
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[54] **TEXT PROCESSOR**  
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[71] WALKER, Randall C., US  
[85] 1999-01-29  
[86] 1997-07-24 (PCT/US97/12807)  
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[25] EN  
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[54] **EVALUATION DES CELLULES DU COL UTERIN**  
[72] MASON, Robert James, GB  
[72] PASCOE, Edward William, GB  
[72] HOLMES, Christopher Harold, GB  
[71] QUANTUM BIOSYSTEMS LTD., IN CREDITORS' VOLUNTARY LIQUIDATION, ACTING BY, GB  
[85] 1999-02-02  
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[51] **Int.Cl. 6C08L 79/02 6D21H 25/00 6C08L 77/00 6C08L 39/02 6D21H 27/40 6D21H 17/55**  
[25] EN  
[54] **RESIN COMPOSITION FOR MAKING WET AND DRY STRENGTH PAPER**  
[54] **COMPOSITION DE RESINE POUR LA FABRICATION DE PAPIER DOTEE D'UNE RESISTANCE A L'ETAT HUMIDE ET A L'ETAT SEC**  
[72] MASLANKA, William Walter, US  
[71] HERCULES INCORPORATED, US  
[85] 1999-01-29  
[86] 1998-01-20 (PCT/US98/01495)  
[87] 1998-07-30 (WO98/32798)  
[30] US (08/788,731) 1997-01-23

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[13] A1

[51] **Int.Cl. 6A61F 13/42**  
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[54] **DISPOSABLE GARMENT WITH INSPECTION PORTHOLE**  
[54] **ARTICLE VESTIMENTAIRE JETABLE A FENETRE D'INSPECTION**  
[72] DREIER, Kimberley Ann, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-01-29  
[86] 1997-07-16 (PCT/US97/12416)  
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[54] **ROTOR POUR TURBINES A GAZ**  
[72] TOMITA, Yasuoki, JP  
[72] ICHIRYU, Taku, JP  
[72] AKAGI, Koichi, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
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[86] 1998-06-10 (PCT/JP98/02564)  
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[13] A1

[51] **Int.Cl. 6A61B 19/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR MARKING TISSUE**  
[54] **APPAREIL ET PROCEDE DE MARQUAGE DE TISSUS**  
[72] COLE, Mark, US  
[72] REU, Eugene B., US  
[72] RITCHART, Mark A., US  
[72] FOERSTER, Seth A., US  
[72] WARDLE, John L., US  
[71] BIOPSY MEDICAL, INC., US  
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[30] US (60/023,883) 1996-08-12

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[13] A1

[51] **Int.Cl. 6A61B 10/00**  
[25] EN  
[54] **METHODS AND DEVICES FOR COLLECTION OF SOFT TISSUE**  
[54] **PROCEDES ET DISPOSITIFS POUR PRELEVER DES TISSUS MOUS**  
[72] BURBANK, Fred H., US  
[72] COLE, Mark, US  
[72] TRAN, Minh, US  
[72] RITCHART, Mark A., US  
[71] ETHICON ENDO-SURGERY, US  
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[30] US (08/705,622) 1996-08-29

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[25] EN  
[54] **LIQUID GAS ENGINE**  
[54] **MOTEUR A GAZ LIQUEFIE**  
[72] FICHT, Reinhold, DE  
[71] FICHT GMBH & CO. KG, DE  
[85] 1999-01-29  
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[13] A1

[51] **Int.Cl. 6C09J 5/06 6B29C 65/36**  
[25] EN  
[54] **METHOD OF ADHERING MILL-WORK TO A WORK SURFACE**  
[54] **PROCEDE D'ADHESION D'OUVRAGE DE MENUISERIE A UNE SURFACE DE TRAVAIL**  
[72] SHOMLER, Duane C., US  
[72] RACCA, Anthony T., US  
[72] LOCOCO, David J., US  
[72] REMEROWSKI, David L., US  
[71] SENCO PRODUCTS, INC., US  
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[86] 1997-08-04 (PCT/US97/13733)  
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[30] US (08/691,835) 1996-08-05

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[13] A1

[51] **Int.Cl. 6A61M 15/00 6A61J 3/02**  
[25] EN  
[54] **MEDICAMENT CARRIER WITH AGGLOMERATED LARGE MEDICAMENT PARTICLES AND RELATED METHOD OF MANUFACTURE THEREOF**  
[54] **EXCIPIENT DE MEDICAMENT A GRANDES PARTICULES DE MEDICAMENT AGGLOMERES ET SON PROCEDE DE FABRICATION**  
[72] VAN OORT, Michiel, US  
[72] SACCHETTI, Mark Joseph, US  
[71] GLAXO GROUP LIMITED, GB  
[85] 1999-01-29  
[86] 1997-07-30 (PCT/EP97/04128)  
[87] 1998-02-05 (WO98/04308)  
[30] GB (9616047.8) 1996-07-31

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[13] A1

[51] **Int.Cl. 6A61K 31/70 6A61K 7/40 6A61K 7/48**  
[25] EN  
[54] **USE OF AN OLIGOSACCHARIDE AS AN IMMUNOMODULATOR IN A DERMATO-COSMETIC COMPOSITION**  
[54] **UTILISATION D'UN OLIGOSACCHARIDE EN TANT QU'IMMUNOMODULATEUR DANS UNE COMPOSITION DERMATO-COSMETIQUE**  
[72] CASTELLI, Dominique, FR  
[72] ROBERT, Alexandre, FR  
[72] ROBERT, Ladislav, FR  
[71] ROC, FR  
[85] 1999-01-29  
[86] 1997-07-30 (PCT/IB97/00951)  
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[30] FR (96/09649) 1996-07-31

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[51] **Int.Cl. 6B24D 5/00 6B24D 18/00 6B24D 3/28**  
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[54] **GRINDING WHEEL**  
[54] **MEULE**  
[72] HOLDEN, Robert L., US  
[72] MC NAMARA, John P., US  
[71] NORTON COMPANY, US  
[85] 1999-02-05  
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[54] **GUIDING FRAME**  
[54] **CHASSIS DE GUIDAGE**  
[72] RIXEN, Wolfgang, DE  
[72] PIES, Gerrit, DE  
[71] RIXEN, Wolfgang, DE  
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<p style="text-align: right;">[21] <b>2,262,575</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09D 7/12 6C09D 167/00 6C09D 175/04 6C09D 167/08</b></p> <p>[25] EN</p> <p>[54] <b>COATINGS CONTAINING FLUORINATED ESTERS</b></p> <p>[54] <b>REVETEMENTS CONTENANT DES ESTERS FLUORES</b></p> <p>[72] BENNETT, William Wesley Jr., US</p> <p>[72] KIRCHNER, Jack Robert, US</p> <p>[71] E. I. DU PONT DE NEMOURS AND COMPANY, US</p> <p>[85] 1999-02-04</p> <p>[86] 1997-08-04 (PCT/US97/13668)</p> <p>[87] 1998-02-12 (WO98/05720)</p> <p>[30] US (08/695,159) 1996-08-07</p>	<p style="text-align: right;">[21] <b>2,262,578</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/52 6A61K 9/107</b></p> <p>[25] EN</p> <p>[54] <b>FAT EMULSION CONTAINING XANTHINE DERIVATIVE</b></p> <p>[54] <b>EMULSION GRASSE CONTENANT UN DERIVE DE XANTHINE</b></p> <p>[72] ITO, Kunio, JP</p> <p>[72] KATO, Yasuki, JP</p> <p>[72] KAWAGUCHI, Yuji, JP</p> <p>[72] HOSOKAWA, Toshihito, JP</p> <p>[72] IWATA, Kenji, JP</p> <p>[71] KYOWA HAKKO KOGYO CO. LTD., JP</p> <p>[85] 1999-02-04</p> <p>[86] 1997-08-07 (PCT/JP97/02773)</p> <p>[87] 1998-02-12 (WO98/05334)</p> <p>[30] JP (8-224399) 1996-08-07</p>	<p style="text-align: right;">[21] <b>2,262,584</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D06M 15/15 6A61L 15/32 6A61L 15/42</b></p> <p>[25] EN</p> <p>[54] <b>PERMEABLE, LIQUID FLOW CONTROL MATERIAL</b></p> <p>[54] <b>MATERIAU PERMEABLE REGULANT L'ECOULEMENT DE LIQUIDE</b></p> <p>[72] KIICK-FISCHER, Kristi Lynn, US</p> <p>[72] QUINCY, Roger Bradshaw III, US</p> <p>[72] GADSBY, Elizabeth Deibler, US</p> <p>[72] EVERHART, Dennis Stein, US</p> <p>[72] ROMANS-HESS, Alice Yvonne, US</p> <p>[72] WOLTMAN, Garry Roland, US</p> <p>[71] KIMBERLY-CLARK WORLDWIDE, INC., US</p> <p>[85] 1999-02-02</p> <p>[86] 1997-07-09 (PCT/US97/12536)</p> <p>[87] 1998-03-05 (WO98/09016)</p> <p>[30] US (08/706,111) 1996-08-30</p>
<p style="text-align: right;">[21] <b>2,262,576</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 35/04 6C01B 3/38 6B01J 23/40</b></p> <p>[25] EN</p> <p>[54] <b>CATALYST SUPPORT AND PROCESS USING THE SAME</b></p> <p>[54] <b>SUPPORT DE CATALYSEUR ET PROCEDE UTILISANT CE DERNIER</b></p> <p>[72] VAN LOON, Petrus Josephus Maria, NL</p> <p>[72] VAN DAM, Reinier Johannes Maria, NL</p> <p>[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL</p> <p>[85] 1999-02-04</p> <p>[86] 1997-08-05 (PCT/EP97/04403)</p> <p>[87] 1998-02-12 (WO98/05423)</p> <p>[30] EP (96202197.8) 1996-08-05</p>	<p style="text-align: right;">[21] <b>2,262,579</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B24D 11/02</b></p> <p>[25] EN</p> <p>[54] <b>ABRASIVE CONSTRUCTION FOR SEMICONDUCTOR WAFER MODIFICATION</b></p> <p>[54] <b>CONSTRUCTION ABRASIVE POUR LA MODIFICATION D'UNE PLAQUETTE DE SEMICONDUCTEURS</b></p> <p>[72] THOMAS, Cristina U., US</p> <p>[72] RUTHERFORD, Denise R., US</p> <p>[72] BUHLER, James D., US</p> <p>[72] GOETZ, Douglas P., US</p> <p>[72] WEBB, Richard J., US</p> <p>[72] BRUXVOORT, Wesley J., US</p> <p>[72] HOLLYWOOD, William J., US</p> <p>[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US</p> <p>[71] EXCLUSIVE DESIGN COMPANY, INC., US</p> <p>[85] 1999-01-25</p> <p>[86] 1997-08-06 (PCT/US97/13047)</p> <p>[87] 1998-02-19 (WO98/06541)</p> <p>[30] US (08/694,357) 1996-08-08</p>	<p style="text-align: right;">[21] <b>2,262,588</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 5/00 6A61N 5/06</b></p> <p>[25] EN</p> <p>[54] <b>ELECTROMAGNETIC CARDIAC BIOSTIMULATION</b></p> <p>[54] <b>BIOSTIMULATION CARDIAQUE ELECTROMAGNETIQUE</b></p> <p>[72] ORON, Uri, IL</p> <p>[72] MATCOVITCH, Avraham, IL</p> <p>[71] BIOSENSE, INC., US</p> <p>[85] 1999-01-26</p> <p>[86] 1997-07-28 (PCT/IL97/00257)</p> <p>[87] 1998-02-05 (WO98/04321)</p> <p>[30] IL (118968) 1996-07-28</p> <p>[30] US (60/034,703) 1997-01-03</p> <p>[30] US (60/034,704) 1997-01-03</p> <p>[30] WO (PCT/IL97/00011) 1997-01-08</p>
<p style="text-align: right;">[21] <b>2,262,577</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F41B 9/00</b></p> <p>[25] EN</p> <p>[54] <b>VACUUM ACTUATED REPLENISHING WATER GUN</b></p> <p>[54] <b>PISTOLET A EAU A REMPLISSAGE COMMANDE PAR LE VIDE</b></p> <p>[72] JOHNSON, Lonnie G., US</p> <p>[71] JOHNSON RESEARCH &amp; DEVELOPMENT COMPANY, INC., US</p> <p>[85] 1999-02-04</p> <p>[86] 1997-07-23 (PCT/US97/12968)</p> <p>[87] 1998-02-12 (WO98/05397)</p> <p>[30] US (08/693,407) 1996-08-07</p>	<p style="text-align: right;">[21] <b>2,262,583</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60P 3/14</b></p> <p>[25] EN</p> <p>[54] <b>MOBILE FABRICATION UNIT</b></p> <p>[54] <b>UNITE DE FABRICATION MOBILE</b></p> <p>[72] DUBUC, Paul C., US</p> <p>[71] DUBUC, Paul C., US</p> <p>[85] 1999-01-26</p> <p>[86] 1997-07-24 (PCT/US97/12560)</p> <p>[87] 1998-02-05 (WO98/04434)</p> <p>[30] US (08/686,554) 1996-07-26</p>	<p style="text-align: right;">[21] <b>2,262,589</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 17/10 6C03C 27/12</b></p> <p>[25] FR</p> <p>[54] <b>VITRAGE FEUILLETE RESISTANT AUX RAYONS UV</b></p> <p>[54] <b>LAMINATED GLASS RESISTANT TO UV RADIATION</b></p> <p>[72] HELDT, Laury, FR</p> <p>[71] GLACE CONTROLE, FR</p> <p>[85] 1999-02-03</p> <p>[86] 1998-06-03 (PCT/FR98/01115)</p> <p>[87] 1998-12-10 (WO98/55294)</p> <p>[30] FR (97/06896) 1997-06-04</p>

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[13] A1  
[51] **Int.Cl. 6B41M 5/035 6B41F 16/00 6B41M 1/30**  
[25] EN  
[54] **PROCEDE DE TRANSFERT D'IMAGE SUR UN FILM DE POLYESTER ET PRODUIT AINSI OBTENU**  
[54] **METHOD FOR TRANSFERRING AN IMAGE ON A POLYESTER FILM AND RESULTING PRODUCT**  
[72] HELDT, Laury, FR  
[71] GLACE CONTROLE, FR  
[85] 1999-02-03  
[86] 1998-06-03 (PCT/FR98/01116)  
[87] 1998-12-10 (WO98/55329)  
[30] FR (97/06895) 1997-06-04

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[13] A1  
[51] **Int.Cl. 6A61K 9/28 6A61K 45/06 6A61K 9/16 6A61K 9/48**  
[25] EN  
[54] **EASY TO SWALLOW ORAL MEDICAMENT COMPOSITION**  
[54] **MEDICAMENT A ADMINISTRATION ORALE FACILE A AVALER**  
[72] GRUBER, Peter, DE  
[71] LOSAN PHARMA GMBH, DE  
[85] 1999-02-05  
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[87] 1998-02-19 (WO98/06385)  
[30] CH (2006/96) 1996-08-15

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[13] A1  
[51] **Int.Cl. 6G06K 19/077**  
[25] FR  
[54] **PROCEDE DE REALISATION DE CARTES A MEMOIRE ET CARTES AINSI OBTENUES**  
[54] **METHOD FOR MAKING SMART CARDS, AND RESULTING CARDS**  
[72] PERMINGEAT, Vincent, FR  
[71] GEMPLUS S.C.A., FR  
[85] 1999-02-04  
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[13] A1  
[51] **Int.Cl. 6B01J 8/22 6C10G 2/00**  
[25] EN  
[54] **PROCESS AND REACTOR FOR CARRYING OUT AN EXOTHERMIC REACTION**  
[54] **PROCEDE ET REACTEUR POUR EFFECTUER UNE REACTION EXOTHERMIQUE**  
[72] SENDEN, Mathijs Maria Gerardus, NL  
[72] HOEK, Arend, NL  
[72] VAN DER HONING, Geert, NL  
[72] LAURIJSSSEN, Johannes Gerardus, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 1999-01-26  
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[13] A1  
[51] **Int.Cl. 6A61K 31/575 6A23L 1/30**  
[25] EN  
[54] **STANOL COMPOSITION AND THE USE THEREOF**  
[54] **COMPOSITION DE STANOL ET SON UTILISATION**  
[72] WESTER, Ingmar, FI  
[72] MIETTINEN, Tatu, FI  
[72] GYLLING, Helena, FI  
[72] PALMU, Tapio, FI  
[71] RAISIO BENECOL LTD., FI  
[85] 1999-02-05  
[86] 1996-09-02 (PCT/FI96/00465)  
[87] 1998-02-19 (WO98/06405)  
[30] FI (963126) 1996-08-09

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[13] A1  
[51] **Int.Cl. 6A61G 5/10**  
[25] EN  
[54] **WHEELCHAIR**  
[54] **FAUTEUIL ROULANT**  
[72] NISHIHIRA, Morikazu, JP  
[72] NISHIHIRA, Tetsuya, JP  
[72] SUZUKI, Masayoshi, JP  
[71] MISAWAHOMU KABUSHIKI KAISHA, JP  
[71] KABUSHIKI KAISHA YUNIKAMU, JP  
[85] 1999-02-04  
[86] 1998-06-02 (PCT/JP98/02424)  
[87] 1998-12-10 (WO98/55066)  
[30] JP (9-165050) 1997-06-06

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[13] A1  
[51] **Int.Cl. 6C09K 15/00**  
[25] EN  
[54] **MULTI-COMPONENT OXYGEN SCAVENGING COMPOSITION**  
[54] **COMPOSITION DESOXYGENANTE A MULTIPLES COMPOSANTS**  
[72] KATSUMOTO, Kiyoshi, US  
[72] CHING, Ta Yen, US  
[71] CHEVRON CHEMICAL COMPANY LLC, US  
[85] 1999-02-04  
[86] 1997-07-24 (PCT/US97/13015)  
[87] 1998-02-19 (WO98/06779)  
[30] US (08/698,011) 1996-08-13

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[13] A1  
[51] **Int.Cl. 6C08F 4/649 6C08F 10/00 6C08F 4/642**  
[25] EN  
[54] **COMPONENTS AND CATALYSTS FOR THE POLYMERIZATION OF OLEFINS**  
[54] **COMPOSANTS ET CATALYSEURS POUR LA POLYMERISATION DES OLEFINES**  
[72] CHADWICK, John, IT  
[72] MORINI, Giampiero, IT  
[72] BALBONTIN, Giulio, IT  
[72] ALBIZZATI, Enrico, IT  
[72] CRISTOFORI, Antonio, IT  
[71] MONTELL TECHNOLOGY COMPANY B.V., NL  
[85] 1999-01-28  
[86] 1998-06-02 (PCT/EP98/03287)  
[87] 1998-12-17 (WO98/56830)  
[30] IT (MI97A001350) 1997-06-09

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<p>[21] <b>2,262,610</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10G 32/00</b> [25] EN [54] <b>METHOD OF TREATING HEAVY HYDROCARBON RAW MATERIAL, PARTICULARLY HEAVY FRACTIONS OF CRUDE OIL AND APPARATUS FOR PERFORMING SAID METHOD</b> [54] <b>PROCEDE DE TRAITEMENT DE MATIERES PREMIERES A BASE D'HYDROCARBURES LOURDS, NOTAMMENT DE FRACTIONS LOURDES DE PETROLE BRUT ET APPAREIL PERMETTANT LA MISE EN OEUVRE DE CE PROCEDE</b> [72] POKACALOV, Gennadij, CZ [71] POKACALOV, Gennadij, CZ [85] 1999-01-29 [86] 1997-01-23 (PCT/CZ97/00003) [87] 1998-02-05 (WO98/04653) [30] CZ (PV 2250-96) 1996-07-30</p>	<p>[21] <b>2,262,620</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 23/74 6B01J 21/00 6B01J 35/10 6C02F 1/72</b> [25] EN [54] <b>CALCIUM ALUMINATE BASED CATALYST AND USE OF THE CATALYST</b> [54] <b>CATALYSEUR A BASE D'ALUMINATE DE CHAUX ET UTILISATION DUDIT CATALYSEUR</b> [72] HANCOCK, Frederick Ernest, GB [71] IMPERIAL CHEMICAL INDUSTRIES PLC, GB [85] 1999-02-05 [86] 1997-08-18 (PCT/GB97/02223) [87] 1998-03-26 (WO98/11985) [30] GB (9619724.9) 1996-09-20</p>	<p>[21] <b>2,262,623</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/06</b> [25] EN [54] <b>METHOD AND APPARATUS FOR PERFORMING CORONARY ARTERY BYPASS SURGERY</b> [54] <b>PROCEDE ET APPAREIL POUR REALISER UN PONTAGE AORTOCORONARIEN</b> [72] GIESE, William L., US [72] KNUDSON, Mark B., US [71] HEARTSTENT CORPORATION, US [85] 1999-02-08 [86] 1997-08-12 (PCT/US97/13980) [87] 1998-02-19 (WO98/06356) [30] US (08/689,773) 1996-08-13 [30] US (08/882,397) 1997-06-25 [30] US (08/906,914) 1997-08-06</p>
<p>[21] <b>2,262,612</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/44 6A61K 9/70</b> [25] EN [54] <b>METHOD FOR TREATING MENTAL RETARDATION</b> [54] <b>PROCEDE DE TRAITEMENT DE L'ARRIERATION MENTALE</b> [72] SHANNON, Harlan Edgar, US [72] BYMASTER, Franklin Porter, US [71] ELI LILLY AND COMPANY, US [85] 1999-01-29 [86] 1997-07-28 (PCT/US97/13184) [87] 1998-02-12 (WO98/05291) [30] US (60/022,918) 1996-08-01</p>	<p>[21] <b>2,262,621</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 23/66 6B01J 27/02 6B01J 27/06</b> [25] EN [54] <b>PROMOTED SILVER CATALYST</b> [54] <b>CATALYSEUR A L'ARGENT COMPORTANT UN PROMOTEUR</b> [72] RIZKALLA, Nabil, US [71] SCIENTIFIC DESIGN COMPANY, INC., US [85] 1999-01-29 [86] 1997-10-21 (PCT/US97/18926) [87] 1998-05-07 (WO98/18552) [30] US (08/738,042) 1996-10-25</p>	<p>[21] <b>2,262,628</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E03D 3/04</b> [25] EN [54] <b>METHOD AND DEVICE FOR OPERATING THE WATER FLUSHING AND THE DISCHARGE VALVE IN A TOILET OR THE LIKE CONNECTED TO A VACUUM SEWER</b> [54] <b>PROCEDE ET DISPOSITIF DE COMMANDE DE LA CHASSE D'EAU ET DU CLAPET DE REFOULEMENT DE TOILETTES, OU D'INSTALLATIONS DE CE TYPE, CONNECTEES A UN EGOUT A VIDE</b> [72] HOFSETH, Olav, NO [71] HOFSETH, Olav, NO [85] 1999-02-08 [86] 1998-06-10 (PCT/NO98/00176) [87] 1998-12-17 (WO98/56997) [30] NO (972695) 1997-06-11</p>
<p>[21] <b>2,262,614</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/44 6A61K 9/70</b> [25] EN [54] <b>METHOD FOR TREATING DISRUPTIVE BEHAVIOR DISORDERS</b> [54] <b>PROCEDE DE TRAITEMENT DES TROUBLES COMPORTEMENTAUX</b> [72] BYMASTER, Franklin Porter, US [72] SHANNON, Harlan Edgar, US [71] ELI LILLY AND COMPANY, US [85] 1999-01-29 [86] 1997-07-28 (PCT/US97/13186) [87] 1998-02-12 (WO98/05325) [30] US (60/022,919) 1996-08-01</p>	<p>[21] <b>2,262,622</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F41A 33/00 6F41A 1/08 6F42B 8/10</b> [25] EN [54] <b>TRAINING WEAPON SYSTEM</b> [54] <b>SYSTEME D'ARME D'INSTRUCTION</b> [72] FRANZEN, Arne, SE [71] SIMBAL AB, SE [85] 1999-02-05 [86] 1998-05-29 (PCT/SE98/01021) [87] 1998-12-10 (WO98/55820) [30] SE (9702135-6) 1997-06-05</p>	

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[13] A1  
[51] **Int.Cl. 6C08H 5/04 6C08B 3/20**  
[25] EN  
[54] **ACETYLATION OF LIGNOCELLULOSIC MATERIALS AND APPLICATIONS THEREOF**  
[54] **ACETYLATION DE SUBSTANCES LIGNO-CELLULOSIQUES ET SES APPLICATIONS**  
[72] MURRAY, John Edward, GB  
[71] SOUND PIPE LTD., GB  
[85] 1999-01-29  
[86] 1997-07-10 (PCT/GB97/01858)  
[87] 1998-01-15 (WO98/01497)  
[30] GB (9614495.1) 1996-07-10  
[30] GB (9617421.4) 1996-08-20  
[30] GB (9619814.8) 1996-09-21  
[30] GB (9620497.9) 1996-10-02  
[30] GB (9623836.5) 1996-11-16  
[30] GB (9703489.6) 1997-02-19  
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[13] A1  
[51] **Int.Cl. 6G08B 13/24**  
[25] EN  
[54] **MAGNETOMECHANICAL ELECTRONIC ARTICLE SURVEILLANCE MARKER WITH LOW-COERCIVITY BIAS ELEMENT**  
[54] **MARQUEUR MAGNETOMECHANIQUE DESTINE A LA SURVEILLANCE D'ARTICLES ELECTRONIQUES ET POURVU D'ELEMENT DE POLARISATION PRESENTANT UNE CARACTERISTIQUE DE DESACTIVATION/MAGNETISATION SOUDAINE**  
[72] COFFEY, Kevin R., US  
[72] COPELAND, Richard L., US  
[71] SENSORMATIC ELECTRONICS CORPORATION, US  
[85] 1999-02-05  
[86] 1997-08-21 (PCT/US97/14747)  
[87] 1998-03-05 (WO98/09263)  
[30] US (08/697,629) 1996-08-28

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[13] A1  
[51] **Int.Cl. 6C08L 23/06 6C08J 11/04 6C08J 5/08**  
[25] EN  
[54] **COMPOSITE BUILDING MATERIALS FROM RECYCLABLE WASTE**  
[54] **MATERIAUX DE CONSTRUCTION COMPOSITES OBTENUS A PARTIR DE DECHETS RECYCLABLES**  
[72] NOSKER, Thomas Jerome, US  
[72] RENFREE, Richard William, US  
[71] RUTGERS, THE STATE UNIVERSITY, US  
[85] 1999-02-05  
[86] 1997-08-28 (PCT/US97/15239)  
[87] 1998-03-05 (WO98/08896)  
[30] US (08/704,889) 1996-08-30

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[13] A1  
[51] **Int.Cl. 6A61M 25/04**  
[25] EN  
[54] **GROMMET POSITIONING DEVICE**  
[54] **DISPOSITIF DE POSITIONNEMENT A VIROLE**  
[72] ELLIOTT, Gregory D., US  
[71] COOK INCORPORATED, US  
[85] 1999-01-29  
[86] 1997-07-31 (PCT/US97/13088)  
[87] 1998-02-12 (WO98/05373)  
[30] US (08/692,057) 1996-08-02

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[13] A1  
[51] **Int.Cl. 6A61L 27/00 6A61L 33/00**  
[25] EN  
[54] **BIOCOMPATIBLE MEDICAL ARTICLE AND METHOD**  
[54] **ARTICLE MEDICAL BIOCOMPATIBLE ET PROCEDE**  
[72] FOUACHE, Benedicte, NL  
[72] CAHALAN, Patrick T., NL  
[72] CAHALAN, Linda L., NL  
[72] VERHOEVEN, Michel, NL  
[72] HENDRIKS, Marc, NL  
[71] MEDTRONIC, INC., US  
[85] 1999-02-05  
[86] 1996-08-29 (PCT/US96/13783)  
[87] 1998-03-05 (WO98/08551)

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[13] A1  
[51] **Int.Cl. 6C08F 8/26 6B32B 27/08 6C08J 5/18**  
[25] EN  
[54] **METHOD OF IMPROVING ADHESION BETWEEN A FLUOROPOLYMER AND A HYDROCARBON SUBSTRATE**  
[54] **PROCEDE D'AMELIORATION DE L'ADHESION ENTRE UN FLUOROPOLYMER ET UN SUBSTRAT D'HYDROCARBURE**  
[72] FRONEK, Daniel R., US  
[72] PHAM, Trang D., US  
[72] PARKER, Douglas S., US  
[72] DIETZ, Timothy M., US  
[72] COGGIO, William D., US  
[72] YAMANAKA, Keizo, US  
[72] NELSON, Constance J., US  
[72] FUKUSHI, Tatsuo, US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1999-02-05  
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[30] US (08/703810) 1996-08-26

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[13] A1  
[51] **Int.Cl. 6F01D 11/00 6F01D 9/02**  
[25] EN  
[54] **SEALING STRUCTURE FOR FIRST STAGE STATOR BLADE OF GAS TURBINE**  
[54] **STRUCTURE D'ETANCHEITE POUR AUBE FIXE DU PREMIER ETAGE D'UNE TURBINE A GAZ**  
[72] SAKAGUCHI, Tadakazu, JP  
[72] NISHIDA, Miki, JP  
[72] AKAGI, Koichi, JP  
[72] ICHIRYU, Taku, JP  
[72] SHIBATA, Hiroki, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[85] 1999-02-05  
[86] 1998-06-04 (PCT/JP98/02477)  
[87] 1998-12-10 (WO98/55737)  
[30] JP (9-147735) 1997-06-05

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<p style="text-align: center;">[21] <b>2,262,650</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 7/02 6C01G 43/06</b> [25] EN [54] <b>APPARATUS AND METHOD FOR PROCESSING A SUBLIMED MATERIAL</b> [54] <b>APPAREIL ET PROCEDURE POUR TRAITER UN MATERIAU SUBLIME</b> [72] BLUNDELL, Neil, GB [71] BRITISH NUCLEAR FUELS PLC, GB [85] 1999-02-05 [86] 1997-08-14 (PCT/GB97/02181) [87] 1998-03-05 (WO98/08994) [30] GB (9618188.8) 1996-08-30</p>	<p style="text-align: center;">[21] <b>2,262,659</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23C 5/10 6B23C 5/20</b> [25] EN [54] <b>CUTTING TOOL AND CUTTING INSERT FOR USE THEREWITH</b> [54] <b>OUTIL DE COUPE ET PLAQUETTE AMOVIBLE A UTILISER AVEC CELUI-CI</b> [72] MEN, Yuri, IL [72] SATRAN, Amir, IL [71] ISCAR LTD., IL [85] 1999-02-05 [86] 1997-08-20 (PCT/IL97/00278) [87] 1998-02-26 (WO98/07541) [30] IL (119114) 1996-08-22</p>	<p style="text-align: center;">[21] <b>2,262,675</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04H 9/00</b> [25] EN [54] <b>CODED/NON-CODED PROGRAM AUDIENCE MEASUREMENT SYSTEM</b> [54] <b>SYSTEME DE MESURE DE L'AUDIENGE D'UNE EMISSION CODEE/NON CODEE</b> [72] HARKNESS, David H., US [72] LU, Daozheng, US [71] NIELSEN MEDIA RESEARCH, INC., US [85] 1999-02-04 [86] 1997-08-15 (PCT/US97/14422) [87] 1998-03-12 (WO98/10539) [30] US (08/709,180) 1996-09-06</p>
<p style="text-align: center;">[21] <b>2,262,652</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 35/20 6A23L 1/30</b> [25] EN [54] <b>ANTI-STRESS DRUGS AND FUNCTIONAL FOODS HAVING ANTI-STRESS EFFECTS</b> [54] <b>MEDICAMENTS ANTI-STRESS ET ALIMENTS FONCTIONNELS AYANT DES EFFETS ANTI-STRESS</b> [72] MASUYAMA, Akihiro, JP [72] YASUI, Masaaki, JP [71] GROUPE DANONE, FR [71] CALPIS CO., LTD., JP [85] 1999-02-05 [86] 1997-08-06 (PCT/JP97/02728) [87] 1998-02-12 (WO98/05343) [30] JP (8/208504) 1996-08-07</p>	<p style="text-align: center;">[21] <b>2,262,660</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 27/08 6B32B 7/04</b> [25] EN [54] <b>MULTI-LAYER ARTICLES COMPRISING A FLUOROPOLYMER</b> [54] <b>ARTICLES MULTICOUCHES COMPRENANT UN FLUOROPOLYMER</b> [72] FUKUSHI, Tatsuo, US [72] YAMANAKA, Keizo, US [72] TUCKNER, Paul F., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 1999-02-05 [86] 1996-12-23 (PCT/US96/20652) [87] 1998-03-05 (WO98/08679) [30] US (08/703,311) 1996-08-26</p>	<p style="text-align: center;">[21] <b>2,262,677</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B22D 11/124</b> [25] EN [54] <b>GUIDE SEGMENT SUPPORT SYSTEM FOR CONTINUOUS CASTING</b> [54] <b>SYSTEME DE SUPPORT DE SEGMENTS DE GUIDAGE, DESTINE A UNE COULEE CONTINUE</b> [72] SEARS, James B., US [72] COURSON, Harry J., US [71] AG INDUSTRIES, INC., US [85] 1999-02-04 [86] 1997-08-05 (PCT/US97/13640) [87] 1998-02-12 (WO98/05449) [30] US (08/691,010) 1996-08-05</p>
<p style="text-align: center;">[21] <b>2,262,655</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23C 5/20 6B23B 27/22</b> [25] EN [54] <b>CUTTING INSERT</b> [54] <b>PLAQUETTE DE COUPE AMOVIBLE</b> [72] MEN, Yuri, IL [72] SATRAN, Amir, IL [71] ISCAR LTD., IL [85] 1999-02-05 [86] 1997-07-28 (PCT/IL97/00256) [87] 1998-02-26 (WO98/07542) [30] IL (119114) 1996-08-22 [30] IL (120814) 1997-05-09</p>	<p style="text-align: center;">[21] <b>2,262,674</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29C 44/50 6B29C 47/08</b> [25] EN [54] <b>VACUUM EXTRUSION APPARATUS AND METHOD</b> [54] <b>PROCEDURE ET DISPOSITIF D'EXTRUSION PAR DEPRESSION</b> [72] SADINSKI, Robert L., US [71] OWENS CORNING, US [85] 1999-02-04 [86] 1997-08-11 (PCT/US97/14061) [87] 1998-02-19 (WO98/06555) [30] US (08/696,718) 1996-08-14</p>	<p style="text-align: center;">[21] <b>2,262,680</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01D 5/56 6G01N 9/00 6G01N 11/00 6B41J 2/125 6G01N 11/16 6B41J 2/175 6B41J 2/195 6G01F 23/22 6G01N 9/34</b> [25] EN [54] <b>RESONATOR SENSORS EMPLOYING PIEZOELECTRIC BENDERS FOR FLUID PROPERTY SENSING</b> [54] <b>DETECTEURS DE RESONATEURS UTILISANT DES STRUCTURES PIEZOELECTRIQUES A FLEXION POUR DETECTER LES PROPRIETES DE FLUIDES</b> [72] ANDERSON, Philip D., US [71] VIDEOJET SYSTEMS INTERNATIONAL, INC., US [85] 1999-02-09 [86] 1997-08-26 (PCT/GB97/02287) [87] 1998-03-05 (WO98/09139) [30] US (08/704,116) 1996-08-28</p>

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[21] **2,262,681**  
[13] A1

[51] **Int.Cl. 6G02B 5/26 6G02B 6/16**  
[25] EN  
[54] **OPTICAL WAVEGUIDE FILTERS**  
[54] **FILTRES POUR GUIDE D'ONDES OPTIQUES**  
[72] ROBINSON, Alan, GB  
[71] NORTHERN TELECOM LIMITED, CA  
[85] 1999-02-09  
[86] 1997-10-08 (PCT/GB97/02769)  
[87] 1998-04-16 (WO98/15859)  
[30] US (08/731,168) 1996-10-10

[21] **2,262,683**  
[13] A1

[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **CENTRALIZED BROADCAST CHANNEL REAL-TIME SEARCH SYSTEM**  
[54] **SYSTEME CENTRALISE DE RECHERCHE EN TEMPS REEL DE CANAUX DE DIFFUSION**  
[72] MENARD, Rob, CA  
[72] MacLEAN, Roger, CA  
[72] STREATCH, Paul, CA  
[72] REED, Jim, CA  
[71] TELEXIS CORPORATION, CA  
[85] 1999-02-09  
[86] 1997-08-14 (PCT/CA97/00571)  
[87] 1998-02-19 (WO98/07103)  
[30] CA (2,183,280) 1996-08-14

[21] **2,262,684**  
[13] A1

[51] **Int.Cl. 6G01D 5/12 6G01P 15/125 6G01D 5/241**  
[25] EN  
[54] **TUNNELING SENSOR WITH LINEAR FORCE REBALANCE**  
[54] **DETECTEUR D'EFFET TUNNEL AVEC REEQUILIBRAGE DE FORCE LINEAIRE**  
[72] BERNSTEIN, Jonathan J., US  
[71] THE CHARLES STARK DRAPER LABORATORY, INC., US  
[85] 1999-02-05  
[86] 1997-08-08 (PCT/US97/14007)  
[87] 1998-02-12 (WO98/05973)  
[30] US (08/694,333) 1996-08-08

[21] **2,262,687**  
[13] A1

[51] **Int.Cl. 6B60C 11/11**  
[25] EN  
[54] **INDUSTRIAL SERVICE AGRICULTURAL TIRE**  
[54] **PNEU POUR MATERIEL AGRICOLE DE TYPE INDUSTRIEL**  
[72] BONKO, Mark Leonard, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[85] 1999-02-04  
[86] 1996-08-29 (PCT/US96/13785)  
[87] 1998-03-05 (WO98/08697)

[21] **2,262,688**  
[13] A1

[51] **Int.Cl. 6B29C 33/72 6B24C 1/00 6B24C 3/32**  
[25] EN  
[54] **ROBOTIC CO2 TIRE MOLD CLEANING**  
[54] **NETTOYAGE DE MOULES A PNEUS AU CO2 PAR DISPOSITIF ROBOTIQUE**  
[72] BEASLEY, Howard Ray, US  
[72] ALMODOVAR, Hugo Adalberto, US  
[72] MCKEE, Richard Allan, US  
[72] SOSKA, Geary Victor, US  
[72] WINER, Kerry Stephan, US  
[72] WHITNEY, David Alan, US  
[72] ELMORE, Wayne Keith, US  
[72] JONES, Thomas Wayne, US  
[72] DORMER, William John, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[85] 1999-02-04  
[86] 1996-08-22 (PCT/US96/13521)  
[87] 1998-02-26 (WO98/07548)  
[30] WO (PCT/US96/13521) 1996-08-22

[21] **2,262,689**  
[13] A1

[51] **Int.Cl. 6G01N 29/02 6G01N 23/02 6B01D 53/047**  
[25] EN  
[54] **ACOUSTIC GAS CONCENTRATION SENSOR AND CONTROL FOR OXYGEN CONCENTRATOR**  
[54] **CAPTEUR DE CONCENTRATION DE GAZ ACOUSTIQUE ET COMMANDE ASSOCIEE POUR CONCENTRATEUR D'OXYGENE**  
[72] MICHAELS, Gregory A., US  
[72] BIRANGI, Homayoun, US  
[71] INVACARE CORPORATION, US  
[85] 1999-02-05  
[86] 1998-06-05 (PCT/US98/11561)  
[87] 1998-12-17 (WO98/57165)  
[30] US (08/873,645) 1997-06-12

[21] **2,262,690**  
[13] A1

[51] **Int.Cl. 6B29C 44/50 6B29C 47/08 6B29C 47/34 6B29C 47/88**  
[25] EN  
[54] **VACUUM EXTRUSION SYSTEM AND METHOD**  
[54] **PROCEDE ET DISPOSITIF D'EXTRUSION PAR DEPRESSION**  
[72] SADINSKI, Robert L., US  
[72] LIGHTLE, Roger D., US  
[72] LINCOLN, Robert M., US  
[71] OWENS CORNING, US  
[85] 1999-02-04  
[86] 1997-08-11 (PCT/US97/14055)  
[87] 1998-02-19 (WO98/06554)  
[30] US (08/696,472) 1996-08-14

[21] **2,262,691**  
[13] A1

[51] **Int.Cl. 6G10L 9/14 6G11B 23/00 6H04B 7/015 6H04B 3/20**  
[25] EN  
[54] **METHODS AND APPARATUS FOR ECHO SUPPRESSION**  
[54] **PROCEDES ET APPAREIL DE SUPPRESSION D'ECHOS**  
[72] RABIPOUR, Rafi, CA  
[72] SAIKALY, Madeleine, CA  
[72] FOODEEI, Majid, CA  
[72] HO, Dominic, US  
[71] NORTHERN TELECOM LIMITED, CA  
[85] 1999-02-04  
[86] 1997-10-15 (PCT/CA97/00763)  
[87] 1998-12-30 (WO98/59431)  
[30] US (08/881,062) 1997-06-24

[21] **2,262,695**  
[13] A1

[51] **Int.Cl. 6B29C 49/36 6B29C 49/04**  
[25] EN  
[54] **ROTARY PLASTIC BLOW MOLDING MACHINE**  
[54] **MACHINE ROTATIVE POUR LE MOULAGE PAR SOUFFLAGE DE MATIERES PLASTIQUES**  
[72] KITZMILLER, Michael C., US  
[71] PLASTIPAK PACKAGING, INC., US  
[85] 1999-02-04  
[86] 1997-08-04 (PCT/US97/13709)  
[87] 1998-02-26 (WO98/07560)  
[30] US (08/699,447) 1996-08-19



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[21] **2,262,697**  
[13] A1

[51] **Int.Cl. 6G02B 13/06 6G02B 17/08 6H04N 5/225**  
[25] EN  
[54] **SYSTEM AND METHOD FOR WIDE ANGLE IMAGING**  
[54] **SYSTEME ET PROCEDE D'IMAGERIE GRAND-ANGULAIRE**  
[72] ST. HILAIRE, Pierre, US  
[71] INTERVAL RESEARCH CORPORATION, US  
[85] 1999-02-04  
[86] 1997-08-04 (PCT/US97/13713)  
[87] 1998-02-12 (WO98/06220)  
[30] US (692,385) 1996-08-05

[21] **2,262,698**  
[13] A1

[51] **Int.Cl. 6F01D 5/18 6F02C 7/12 6F01D 25/12**  
[25] EN  
[54] **COOLED MOVING BLADE FOR GAS TURBINES**  
[54] **AUBE MOBILE REFROIDIE POUR TURBINES A GAZ**  
[72] SUENAGA, Kiyoshi, JP  
[72] HASHIMOTO, Yukihiko, JP  
[72] TOMITA, Yasuoki, JP  
[72] MAEDA, Shigeyuki, JP  
[72] FUKUNO, Hiroki, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[85] 1999-02-09  
[86] 1998-06-12 (PCT/JP98/02596)  
[87] 1998-12-17 (WO98/57042)  
[30] JP (9/155123) 1997-06-12

[21] **2,262,699**  
[13] A1

[51] **Int.Cl. 6B29D 29/08 6B29C 33/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING SYNCHRONOUS BELTS WITH TWO OR MORE TRACKS OF HELICAL TEETH**  
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION DE COURROIES SYNCHRONES COMPORTANT AU MOINS DEUX VOIES DE CRANTAGE HELICOIDALES**  
[72] GREGG, Michael John William, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[85] 1999-02-04  
[86] 1996-08-22 (PCT/US96/13588)  
[87] 1998-02-26 (WO98/07561)  
[30] WO (PCT/US96/13588) 1996-08-22

[21] **2,262,701**  
[13] A1

[51] **Int.Cl. 6F01D 5/18**  
[25] EN  
[54] **GAS TURBINE BLADE**  
[54] **AUBE DE TURBINE A GAS**  
[72] UEMATSU, Kazuo, JP  
[72] TOMITA, Yasuoki, JP  
[72] AOKI, Sunao, JP  
[72] MATSUURA, Masaaki, JP  
[72] FUKUNO, Hiroki, JP  
[72] SUENAGA, Kiyoshi, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[85] 1999-02-04  
[86] 1998-06-03 (PCT/JP98/02454)  
[87] 1998-12-10 (WO98/55735)  
[30] JP (9/149234) 1997-06-06  
[30] JP (9/275798) 1997-10-08

[21] **2,262,704**  
[13] A1

[51] **Int.Cl. 6A61C 8/00 6B21D 28/00**  
[25] EN  
[54] **ENDOSTEAL SINGLE TOOTH IMPLANT SECURED AGAINST TORSION, STAMPING TOOL AND POSITIONING AID FOR PRODUCING SUCH A SINGLE TOOTH IMPLANT**  
[54] **IMPLANT DENTAIRE INTRA-OSSEUX INDIVIDUEL BLOQUE EN TORSION, OUTIL DE DECOUPAGE ET ACCESSOIRE DE POSITIONNEMENT SERVANT A FABRIQUER CET IMPLANT DENTAIRE INDIVIDUEL**  
[72] DURR, Walter, DE  
[72] KIRSCH, Axel, DE  
[71] IMZ FERTIGUNGS- UND VERTRIEBSGESELLSCHAFT FÜR DENTALE TECHNOLOGIE MBH, DE  
[85] 1999-02-05  
[86] 1997-03-05 (PCT/DE97/00460)  
[87] 1998-02-26 (WO98/07382)  
[30] DE (196 33 570.1) 1996-08-21

[21] **2,262,705**  
[13] A1

[51] **Int.Cl. 6F26B 5/08 6F26B 17/24**  
[25] EN  
[54] **DEVICE FOR DEWATERING AND DRYING SUSPENSIONS**  
[54] **DISPOSITIF POUR DESHYDRATER ET SECHER DES SUSPENSIONS**  
[72] BAUMANN-SCHILP, Lucia, DE  
[72] ZACHER, Uwe, DE  
[71] BAUMANN-SCHILP, Lucia, DE  
[85] 1999-02-05  
[86] 1997-03-27 (PCT/EP97/01570)  
[87] 1998-02-12 (WO98/05912)  
[30] DE (196 31 605.7) 1996-08-05

[21] **2,262,707**  
[13] A1

[51] **Int.Cl. 6B29C 45/67**  
[25] EN  
[54] **CLOSING UNIT FOR A PLASTIC INJECTION MOULDING MACHINE**  
[54] **DISPOSITIF DE VERROUILLAGE POUR MACHINE A MOULER PAR INJECTION POUR MATIERE PLASTIQUE**  
[72] ELSNER, Lothar, DE  
[72] FULLER, Klaus, DE  
[71] ABWICKLUNGSGESELLSCHAFT KUNSTOFFMASCHINEN WERKSTRASSE GMBH & CO., DE  
[85] 1999-02-05  
[86] 1998-05-07 (PCT/DE98/01263)  
[87] 1998-11-19 (WO98/51468)  
[30] DE (197 19 870.8) 1997-05-12

[21] **2,262,733**  
[13] A1

[51] **Int.Cl. 6B05B 3/04**  
[25] EN  
[54] **ROTARY NOZZLE FOR A HIGH-PRESSURE CLEANING APPARATUS**  
[54] **AJUTAGE MOBILE POUR APPAREIL DE NETTOYAGE SOUS PRESION**  
[72] BINDER, Jürgen, DE  
[72] NATHAN, Robert, DE  
[71] ALFRED KÄRCHER GMBH & CO., DE  
[85] 1999-02-09  
[86] 1997-08-07 (PCT/EP97/04312)  
[87] 1998-02-19 (WO98/06501)  
[30] DE (196 32 323.1) 1996-08-10

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[21] **2,262,737**  
[13] A1

[51] **Int.Cl. 6H04B 14/00 6H04L 29/00**  
[25] EN  
[54] **MULTIMEDIA INFORMATION COMMUNICATION SYSTEM**  
[54] **SYSTEME DE COMMUNICATION D'INFORMATIONS MULTIMEDIA**  
[72] YOSHIHARA, Katsunori, JP  
[72] SHISHINO, Shinichi, JP  
[72] MURAI, Toshio, JP  
[72] KASHIMOTO, Shinichi, JP  
[72] SATO, Shuichi, JP  
[72] ARAKI, Motohisa, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[85] 1999-02-11  
[86] 1998-06-16 (PCT/JP98/02651)  
[87] 1998-12-23 (WO98/58475)  
[30] JP (9-161722) 1997-06-18  
[30] JP (9-324293) 1997-11-26

[21] **2,262,741**  
[13] A1

[51] **Int.Cl. 6H04Q 7/32 6H04M 1/274**  
[25] EN  
[54] **MOBILE ORIGINATED GROUP SHORT MESSAGE SERVICE AND APPARATUS THEREFOR**  
[54] **SERVICE DE MESSAGES COURTS DE GROUPE PROVENANT D'UNE UNITE MOBILE ET APPAREIL PREVU A CET EFFET**  
[72] GREEN, Mark, GB  
[71] ORANGE PERSONAL COMMUNICATIONS SERVICES LTD., GB  
[85] 1999-02-09  
[86] 1997-01-31 (PCT/GB97/00298)  
[87] 1998-03-12 (WO98/10608)  
[30] GB (9618539.2) 1996-09-05

[21] **2,262,742**  
[13] A1

[51] **Int.Cl. 6A41D 25/00 6A41D 23/00**  
[25] EN  
[54] **MULTIPURPOSE, ONE-PIECE, VARIABLE NECKTIE**  
[54] **CRAVATE VARIABLE, D'UNE SEULE PIECE, A USAGES MULTIPLES**  
[72] OPHARDT, Thomas, DE  
[71] OPHARDT, Thomas, DE  
[85] 1998-12-31  
[86] 1997-07-03 (PCT/EP97/03525)  
[87] 1998-01-15 (WO98/01045)  
[30] DE (196 26 991.1) 1996-07-04  
[30] DE (297 01 067.0) 1997-01-22

[21] **2,262,747**  
[13] A1

[51] **Int.Cl. 6E03D 5/10 6E03C 1/05 6E03D 9/052**  
[25] EN  
[54] **TRIGGERING OF A CLEANING, VENTILATION, AND OR DISINFECTATION PROCESS**  
[54] **DECLENCHEMENT D'UN PROCESSUS DE NETTOYAGE, DE VENTILATION ET/OU DE DESINFECTATION**  
[72] EHRENSPERGER, Markus, CH  
[72] MEIJER, Hans-Peter, CH  
[71] CWS INTERNATIONAL AG, CH  
[85] 1999-02-09  
[86] 1996-08-16 (PCT/CH96/00284)  
[87] 1998-02-26 (WO98/07930)

[21] **2,262,750**  
[13] A1

[51] **Int.Cl. 6B62D 29/00 6C22C 38/44 6C22C 38/50 6C22C 38/54**  
[25] EN  
[54] **LIGHT TRUCK BED**  
[54] **PLATEAU DE CAMION LEGER**  
[72] FEUEREISEN AZOCAR, Cristian, CL  
[71] FEUEREISEN AZOCAR, Cristian, CL  
[71] LIZANA, Alejandro S., CL  
[85] 1998-08-26  
[86] 1996-08-20 (PCT/US96/13433)  
[87] 1997-09-18 (WO97/33785)  
[30] CL (385/96) 1996-03-14

[21] **2,262,752**  
[13] A1

[51] **Int.Cl. 6B26D 5/42 6B23D 33/02 6B21D 43/04 6B23D 33/08**  
[25] EN  
[54] **APPARATUS AND METHOD FOR SHEARING MATERIAL**  
[54] **MACHINE A CISAILLER UN MATERIAU ET TECHNIQUE CORRESPONDANTE**  
[72] ZUREK, Christopher A., US  
[72] JOHNSON, Kenneth C., US  
[71] LITTELL INTERNATIONAL, INC., US  
[85] 1999-02-09  
[86] 1997-08-11 (PCT/US97/14249)  
[87] 1998-02-19 (WO98/06549)  
[30] US (08/696,132) 1996-08-13

[21] **2,262,757**  
[13] A1

[51] **Int.Cl. 6B29C 45/36 6B29C 45/00 6B29D 23/00**  
[25] EN  
[54] **INJECTION MOLDING FORM AND PROCESS FOR PRODUCING HOLLOW PARTS**  
[54] **MOULE POUR INJECTION ET PROCEDE DE PRODUCTION DE CORPS CREUX**  
[72] WACHSMANN, Klaus, DE  
[72] STEINER, Guenther, DE  
[72] CEDZICH, Wolfgang, DE  
[71] FILTERWERK MANN & HUMMEL GMBH, DE  
[85] 1999-02-08  
[86] 1997-07-12 (PCT/EP97/03734)  
[87] 1998-02-19 (WO98/06556)  
[30] DE (196 31 963.3) 1996-08-08

[21] **2,262,758**  
[13] A1

[51] **Int.Cl. 6H04L 12/16 6H04M 3/42**  
[25] EN  
[54] **SYSTEM FOR MANAGING SUBSCRIBER RELATED SERVICES WITHIN A TELECOMMUNICATIONS NETWORK**  
[54] **SYSTEME DE GESTION DE SERVICES RELATIFS A DES ABONNES DANS UN RESEAU DE TELECOMMUNICATIONS**  
[72] TOHONEN, Harri, FI  
[72] MATTILA, Ari-Pekka, FI  
[72] HALME, Petri, FI  
[72] HOLMBERG, Andreas, FI  
[72] SUOMINEN, Antti-Jussi, FI  
[72] OLLIKAINEN, Jussi, FI  
[71] SONERA OY, FI  
[85] 1998-11-19  
[86] 1997-05-20 (PCT/FI97/00299)  
[87] 1997-11-27 (WO97/44943)  
[30] FI (962146) 1996-05-21  
[30] FI (964200) 1996-10-18

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<p style="text-align: right;">[21] <b>2,262,762</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23C 5/20</b> [25] EN [54] <b>INSERT HAVING VARIABLE WIDTH LAND</b> [54] <b>FRAISE RAPPORTEE POSSEDANT UNE SURFACE DE DEPOUILLE A LARGEUR VARIABLE</b> [72] JOHNSON, William B., US [71] INGERSOLL CUTTING TOOL COMPANY, US [85] 1999-02-08 [86] 1997-07-30 (PCT/US97/13282) [87] 1998-02-26 (WO98/07543) [30] US (701,087) 1996-08-21</p>	<p style="text-align: right;">[21] <b>2,262,781</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61H 23/04 6A61B 17/135</b> [25] EN [54] <b>APPARATUS AND METHOD FOR MONITORING THE PATENCY OF TUBING IN A PNEUMATIC MEDICAL DEVICE</b> [54] <b>APPAREIL ET PROCEDE POUR CONTROLER L'ETAT NON OBSTRUE DES TUBES DANS UN DISPOSITIF MEDICAL PNEUMATIQUE</b> [72] JAMESON, Michael, CA [72] McEWEN, James Allen, CA [71] WESTERN CLINICAL ENGINEERING LTD., CA [85] 1999-02-08 [86] 1997-06-12 (PCT/CA97/00411) [87] 1998-02-19 (WO98/06373) [30] US (08/700,582) 1996-08-12</p>	<p style="text-align: right;">[21] <b>2,262,789</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 8/06 6A61B 8/08</b> [25] EN [54] <b>MALE IMPOTENCE DIAGNOSTIC ULTRASOUND SYSTEM</b> [54] <b>SYSTEME DIAGNOSTIQUANT L'IMPUISSANCE MASCULINE A L'AIDE D'ULTRASONS</b> [72] ABRAMS, Jerome H., US [72] HOVLAND, Claire T., US [72] WONS, Edward J., US [71] UROMETRICS, INC., US [85] 1999-02-08 [86] 1997-08-01 (PCT/US97/13537) [87] 1998-02-19 (WO98/06333) [30] US (60/023,959) 1996-08-09 [30] US (60/041,361) 1997-03-21</p>
<p style="text-align: right;">[21] <b>2,262,771</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16K 24/06 6B04C 11/00 6F16K 31/122 6A47L 9/16</b> [25] EN [54] <b>APPARATUS FOR SEPARATING PARTICLES FROM A FLUID FLOW AND A VALVE FOR INTRODUCING BLED FLUID TO A MAINSTREAM FLUID</b> [54] <b>APPAREIL DE SEPARATION DES PARTICULES D'UN COURANT DE FLUIDE ET CLAPET D'INTRODUCTION D'UN FLUIDE ANTIDEPRESSION DANS UN COURANT PRINCIPAL DE FLUIDE</b> [72] BURLINGTON, Geoffrey Michael, GB [72] BRAITHWAITE, James Wilson, GB [72] DYSON, James, GB [71] NOTETRY LIMITED, GB [85] 1999-01-12 [86] 1997-07-03 (PCT/GB97/01802) [87] 1998-01-22 (WO98/02080) [30] GB (9614827.5) 1996-07-15</p>	<p style="text-align: right;">[21] <b>2,262,785</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/15</b> [25] EN [54] <b>ABSORBENT MACROSTRUCTURE MADE FROM MIXTURES OF DIFFERENT HYDROGEL-FORMING ABSORBENT POLYMERS FOR IMPROVED FLUID HANDLING CAPABILITY</b> [54] <b>MACROSTRUCTURE ABSORBANTE REALISEE A PARTIR DE MELANGES DE DIFFERENTS POLYMERES ABSORBANTS ET FORMANT UN HYDROGEL, AUX FINS DE PRESENTER UN MEILLEUR POUVOIR DE TRAITEMENT DE FLUIDES</b> [72] HSUEH, Kesyin, JP [72] NAKAMURA, Reiko, JP [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-02-08 [86] 1997-08-01 (PCT/US97/12854) [87] 1998-02-19 (WO98/06364) [30] JP (8/225879) 1996-08-08</p>	<p style="text-align: right;">[21] <b>2,262,790</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 3/386</b> [25] EN [54] <b>DETERGENT COMPOSITIONS COMPRISING ALKALINE POLYGALACTURONASE</b> [54] <b>COMPOSITIONS DETERGENTES CONTENANT UNE POLYGALACTURONASE ALCALINE</b> [72] BAECK, Andre Cesar, BE [72] HERBOTS, Ivan Maurice Alfons Jan, BE [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-02-08 [86] 1996-08-09 (PCT/US96/12963) [87] 1998-02-19 (WO98/06809)</p>
		<p style="text-align: right;">[21] <b>2,262,792</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/24</b> [25] EN [54] <b>MECHANICAL PROSTHETIC VALVE, AND METHODS OF ITS CONSTRUCTION AND OPERATION</b> [54] <b>VALVE PROTHETIQUE MECANIQUE, TECHNIQUES DE FABRICATION ET D'EXPLOITATION</b> [72] SCHRECK, Stefan G., US [72] CARPENTIER, Alain, FR [72] GUO, George X., US [71] BAXTER INTERNATIONAL INC., US [85] 1999-02-08 [86] 1997-07-23 (PCT/US97/12909) [87] 1998-02-19 (WO98/06357) [30] US (08/694,580) 1996-08-09</p>

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<p style="text-align: right;">[21] <b>2,262,797</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/04</b> [25] EN [54] <b>METHOD AND DEVICE FOR STABLE IMPEDANCE PLETHYSMOGRAPHY</b> [54] <b>METHODE ET DISPOSITIF POUR UNE PLETHYSMOGRAPHIE PAR IMPEDANCE STABLE</b> [72] SHOCHAT, Michael, IL [72] ZELDIN, Vladimir, IL [72] MILMAN, Oscar, IL [72] RABINOVITCH, Pavel, IL [71] R.S. MEDICAL MONITORING LTD., IL [85] 1999-02-08 [86] 1997-07-28 (PCT/US97/13122) [87] 1998-02-19 (WO98/06328) [30] US (08/693,660) 1996-08-09 [30] US (08/820,464) 1997-03-17</p>	<p style="text-align: right;">[21] <b>2,262,821</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 39/16</b> [25] EN [54] <b>FIRE-RETARDANT FILTER MEDIUM AND AIR FILTER UNIT</b> [54] <b>MILIEU FILTRANT RESISTANT AU FEU ET FILTRE A AIR</b> [72] KUSUMI, Toshio, JP [72] URAOKA, Nobuki, JP [72] ASANO, Jun, JP [72] INOUE, Osamu, JP [72] HIRANO, Seiichi, JP [72] CHAEN, Shinichi, JP [72] HARA, Satoshi, JP [71] DAIKIN INDUSTRIES, LTD., JP [85] 1999-02-08 [86] 1997-08-06 (PCT/JP97/02755) [87] 1998-02-19 (WO98/06476) [30] JP (8-211637) 1996-08-09 [30] JP (9-021523) 1997-02-04</p>	<p style="text-align: right;">[21] <b>2,262,846</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/54 6H04N 1/32</b> [25] EN [54] <b>COMMUNICATION DEVICE WITH RELAYING FUNCTION AND RELAYING METHOD</b> [54] <b>DISPOSITIF DE COMMUNICATION POURVU D'UNE FONCTION DE RETRANSMISSION, ET PROCEDE DE RETRANSMISSION</b> [72] TOYODA, Kiyoshi, JP [72] OKADA, Kumi, JP [71] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP [85] 1999-02-01 [86] 1998-05-28 (PCT/JP98/02343) [87] 1998-12-10 (WO98/56145) [30] JP (9-163277) 1997-06-05</p>
<p style="text-align: right;">[21] <b>2,262,799</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 27/34 6B32B 27/08 6B65D 81/34</b> [25] EN [54] <b>ARTICLE COMPRISING FILM HAVING POLYAMIDE SEALANT, POLYAMIDE CORE LAYER, AND O2-BARRIER LAYER, AND PACKAGED PRODUCT USING SAME</b> [54] <b>ARTICLE CONSTITUE D'UN FILM POURVU D'UN AGENT D'ET-ANCHEITE POLYAMIDE, D'UN COUCHE CENTRALE POLYAMIDE, ET D'UNE COUCHE BARRIERE ANTI-O2, ET PRODUIT EMBALLE UTILISANT UN TEL ARTICLE</b> [72] RAMESH, Ram K., US [71] CRYOVAC, INC., US [85] 1999-02-08 [86] 1997-08-12 (PCT/US97/14095) [87] 1998-02-19 (WO98/06574) [30] US (698,833) 1996-08-16</p>	<p style="text-align: right;">[21] <b>2,262,842</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/15</b> [25] EN [54] <b>ABSORBENT ARTICLE</b> [54] <b>ARTICLE ABSORBANT</b> [72] NISHIDA, Naofumi, JP [72] MARSHALL, Robert E.L., III, JP [72] SAWAKI, Noriko, JP [72] SHIKATA, Hiroaki, JP [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-02-01 [86] 1997-07-23 (PCT/US97/12905) [87] 1998-02-12 (WO98/05285) [30] JP (8/205065) 1996-08-02</p>	<p style="text-align: right;">[21] <b>2,262,854</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01D 5/28 6F02C 3/05 6F01D 25/20 6F23R 3/42 6F02K 9/48</b> [25] EN [54] <b>MICROTURBOMACHINERY</b> [54] <b>MICROTURBOMACHINES</b> [72] EHRICH, Fredric F., US [72] SCHMIDT, Martin A., US [72] BREUER, Kenneth S., US [72] JACOBSON, Stuart A., US [72] SPEARING, Mark S., US [72] ANANTHASURESH, G. K., US [72] EPSTEIN, Alan H., US [72] WAITZ, Ian A., US [72] SENTURIA, Stephen D., US [72] LANG, Jeffrey H., US [72] NAGLE, Steven F., US [71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US [85] 1999-01-12 [86] 1997-07-14 (PCT/US97/12137) [87] 1998-01-22 (WO98/02643) [30] US (60/022,098) 1996-07-16 [30] US (08/749,454) 1996-11-15</p>
	<p style="text-align: right;">[21] <b>2,262,845</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C22C 38/28 6H01F 1/147</b> [25] EN [54] <b>HEAVY DUTY SOFT MAGNETIC STEEL SUITABLE FOR WELDING AND ITS USE IN PARTS OF MAGNETIC LEVITATIONAL RAILWAYS</b> [54] <b>ACIER MAGNETIQUE DOUX POUR SOUDAGE HAUTE PERFORMANCE ET SON EMPLOI POUR DES PARTIES DES CHEMINS DE FER A SUSTENTATION MAGNETIQUE</b> [72] SCHRIEVER, Udo, DE [72] TSCHERSICH, Hans-Joachim, DE [71] THYSSEN STAHL AG, DE [85] 1999-02-01 [86] 1997-08-05 (PCT/EP97/04245) [87] 1998-02-19 (WO98/06882) [30] DE (196 32 370.3) 1996-08-10</p>	

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[21] **2,262,859**  
[13] A1  
[51] **Int.Cl. 6H04M 11/06 6H04M 11/08 6H04L 12/18**  
[25] EN  
[54] **DIGITAL COMMUNICATION SYSTEM FOR APARTMENT BUILDINGS AND SIMILAR STRUCTURES USING EXISTING TELEPHONE WIRES**  
[54] **SYSTEME DE COMMUNICATION NUMERIQUE DESTINE AUX IMMEUBLES RESIDENTIELS OU A DES STRUCTURES SIMILAIRES ET QUI UTILISE LES CABLES TELEPHONIQUES EXISTANTS**  
[72] GOODMAN, David D., US  
[71] CAIS, INC., US  
[85] 1999-01-12  
[86] 1997-07-11 (PCT/US97/12045)  
[87] 1998-01-22 (WO98/02985)  
[30] US (60/021,651) 1996-07-12

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[21] **2,262,861**  
[13] A1  
[51] **Int.Cl. 6H04M 3/54 6H04Q 7/12**  
[25] EN  
[54] **SYSTEM AND METHOD FOR UPDATING NETWORK ROUTING USING INTEGRATED INTERNET/TWO-WAY PAGING**  
[54] **SYSTEME ET PROCEDE DE MISE A JOUR D'UN ACHEMINEMENT DANS UN RESEAU AU MOYEN D'UNE RECHERCHE INTEGREE BIDIRECTIONNELLE INTERRESEAU**  
[72] FOLADARE, Mark Jeffrey, US  
[72] GOLDMAN, Shelley B., US  
[72] WEBER, Roy Philip, US  
[71] AT&T CORP., US  
[85] 1999-01-13  
[86] 1997-07-03 (PCT/US97/12543)  
[87] 1998-01-22 (WO98/03006)  
[30] US (08/683,020) 1996-07-16

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[21] **2,262,873**  
[13] A1  
[51] **Int.Cl. 6A61B 17/22**  
[25] EN  
[54] **ROTATIONAL ATHERECTOMY DEVICE**  
[54] **DISPOSITIF D'ATHERECTOMIE ROTATIONNEL**  
[72] SHTURMAN, Leonid, US  
[72] NEVZOROV, Andrei, RU  
[71] SHTURMAN CARDIOLOGY SYSTEMS, INC., US  
[85] 1999-01-13  
[86] 1997-07-03 (PCT/US97/11758)  
[87] 1998-01-22 (WO98/02101)  
[30] US (08/679,470) 1996-07-15

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[21] **2,262,874**  
[13] A1  
[51] **Int.Cl. 6H04L 12/12 6H04M 11/06**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CONTROLLING DATA ACCESS IN A COMPUTER NETWORK**  
[54] **SYSTEME ET PROCEDE DE COMMANDE D'ACCES A DES DONNEES DANS UN RESEAU INFORMATIQUE**  
[72] BYFORD, Derrick John, GB  
[72] BOYDELL, Graham, GB  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 1999-01-13  
[86] 1997-01-22 (PCT/GB97/00164)  
[87] 1998-02-12 (WO98/06199)  
[30] GB (9616396.9) 1996-08-03

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[21] **2,262,879**  
[13] A1  
[51] **Int.Cl. 6B63H 9/10**  
[25] EN  
[54] **FURLING BOOM**  
[54] **BOME DE FERLAGE**  
[72] BROOKES, Thomas Joseph, AU  
[71] BROOKES, Thomas Joseph, AU  
[85] 1999-01-15  
[86] 1997-07-24 (PCT/AU97/00469)  
[87] 1998-02-05 (WO98/04456)  
[30] AU (PO 2750) 1996-07-25

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[21] **2,262,886**  
[13] A1  
[51] **Int.Cl. 6A62C 35/00 6B05B 15/00 6A62C 37/08 6B05B 1/26**  
[25] EN  
[54] **VELO SPRINKLER ARRANGEMENT FOR PROTECTING SPECIAL OCCUPANCY HAZARDS**  
[54] **DISPOSITIFS A SPRINKLEURS VELO POUR LA PROTECTION CONTRE LES RISQUES SPECIAUX**  
[72] PONTE, Gary W., US  
[71] THE RELIABLE AUTOMATIC SPRINKLER CO., INC., US  
[85] 1999-02-01  
[86] 1998-06-05 (PCT/US98/11723)  
[87] 1998-12-17 (WO98/56510)  
[30] US (08/873,675) 1997-06-12

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[21] **2,262,891**  
[13] A1  
[51] **Int.Cl. 6A61F 9/007**  
[25] EN  
[54] **SPRING BIASED DEFORMABLE INTRAOCULAR LENS INJECTING APPARATUS**  
[54] **APPAREIL SOLLICITE PAR RESORT ET DESTINE A L'INJECTION D'UN CRISTALLIN ARTIFICIEL DEFORMABLE**  
[72] FEINGOLD, Vladimir, US  
[72] CHAMBERS, Thomas J., US  
[72] EAGLES, Daniel C., US  
[71] STAAR SURGICAL COMPANY, INC., US  
[85] 1999-02-01  
[86] 1997-07-31 (PCT/US97/13084)  
[87] 1998-02-12 (WO98/05280)  
[30] US (08/691,489) 1996-08-02

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[21] **2,262,892**  
[13] A1  
[51] **Int.Cl. 6C11D 3/39 6C11D 3/26 6C11D 3/395**  
[25] EN  
[54] **N-ACYLIMINES AS BLEACH CATALYSTS**  
[54] **N-ACYLIMINES UTILISES COMME CATALYSEURS D'AGENT DE BLANCHIMENT**  
[72] MOSCHNER, Karl Friedrich, US  
[71] UNILEVER PLC, GB  
[85] 1999-02-02  
[86] 1997-07-29 (PCT/EP97/04097)  
[87] 1998-02-26 (WO98/07825)  
[30] US (60/024479) 1996-08-23

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[21] **2,262,894**  
[13] A1  
[51] **Int.Cl. 6H04L 1/00 6H04J 3/02**  
[25] EN  
[54] **INFORMATION DATA MULTIPLEXING TRANSMISSION SYSTEM, MULTIPLEXER AND DEMULTIPLEXER USED THEREFOR, AND ERROR CORRECTING ENCODER AND DECODER**  
[54] **SYSTEME DE TRANSMISSION AVEC MULTIPLEXAGE DE DONNEES D'INFORMATION, MULTIPLEXEUR ET DEMULTIPLEXEUR UTILISES A CET EFFET ET CODEUR ET DECODEUR POUR CORRECTION D'ERREURS**  
[72] SAITO, Tatsunori, JP  
[72] YAMASAKI, Shoichiro, JP  
[72] TANAKA, Hirokazu, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[85] 1999-02-02  
[86] 1998-06-19 (PCT/JP98/02749)  
[87] 1998-12-23 (WO98/58468)  
[30] JP (9-178954) 1997-06-19  
[30] JP (9-289753) 1997-10-22

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[21] **2,262,896**  
[13] A1  
[51] **Int.Cl. 6A61M 16/00**  
[25] EN  
[54] **VENTILATOR SYSTEM**  
[54] **SYSTEME DE VENTILATION**  
[72] RICHARDSON, Peter, US  
[71] BUNNELL, INCORPORATED, US  
[85] 1999-02-03  
[86] 1997-08-18 (PCT/US97/14490)  
[87] 1998-02-26 (WO98/07401)  
[30] US (08/700,840) 1996-08-21

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[21] **2,262,897**  
[13] A1  
[51] **Int.Cl. 6G10K 11/165 6F16F 15/08 6B32B 25/18**  
[25] EN  
[54] **LIGHT WEIGHT, HIGH PERFORMANCE VIBRATION-DAMPING SYSTEM**  
[54] **SYSTEME LEGER A HAUTES PERFORMANCES AMORTISSANT LES VIBRATIONS**  
[72] SINGH, Raaj, US  
[71] EFTEC NORTH AMERICA, L.L.C., US  
[85] 1999-02-03  
[86] 1997-09-16 (PCT/US97/16298)  
[87] 1998-03-19 (WO98/11533)  
[30] US (08/714,657) 1996-09-16

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[13] A1  
[51] **Int.Cl. 6F04C 2/08 6F04C 15/00 6F04C 2/16**  
[25] EN  
[54] **SCREW ROTOR SET**  
[54] **JEU DE ROTORS FILETES**  
[72] BECHER, Ulrich, CH  
[71] ATELIERS BUSCH S.A., CH  
[85] 1999-02-03  
[86] 1997-07-21 (PCT/CH97/00279)  
[87] 1998-03-19 (WO98/11351)  
[30] CH (2233/96) 1996-09-12  
[30] CH (2417/96) 1996-10-04

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[21] **2,262,899**  
[13] A1  
[51] **Int.Cl. 6A41D 13/10 6A41D 19/00**  
[25] EN  
[54] **PROTECTIVE GLOVE**  
[54] **GANT DE PROTECTION**  
[72] COHEN, Carl J., US  
[72] COHEN, Jack, US  
[71] COHEN, Carl J., US  
[71] COHEN, Jack, US  
[85] 1999-02-03  
[86] 1996-08-05 (PCT/US96/12724)  
[87] 1997-02-20 (WO97/05794)

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[21] **2,262,901**  
[13] A1  
[51] **Int.Cl. 6B32B 27/32**  
[25] EN  
[54] **STRETCHABLE MULTILAYER FILMS**  
[54] **FILMS ETIRABLES MULTICOUCHES**  
[72] PERDOMI, Gianni, IT  
[71] MONTELL TECHNOLOGY COMPANY B.V., NL  
[85] 1999-02-03  
[86] 1998-06-05 (PCT/EP98/03365)  
[87] 1998-12-17 (WO98/56580)  
[30] IT (MI97A001381) 1997-06-12

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[21] **2,262,911**  
[13] A1  
[51] **Int.Cl. 6E21B 47/10 6E21B 34/06 6E21B 21/10 6E21B 43/38 6E21B 43/40**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE DOWNHOLE METERING AND CONTROL OF FLUIDS PRODUCED FROM WELLS**  
[54] **PROCEDE ET DISPOSITIF DE MESURE ET DE REGULATION EN FOND DE Puits DES FLUIDE PRODUITS PROVENANT DES Puits**  
[72] PRINGLE, Ronald E., US  
[72] BOWERS, Bill E., US  
[71] CAMCO INTERNATIONAL, INC., US  
[85] 1999-02-01  
[86] 1997-08-01 (PCT/US97/13676)  
[87] 1998-02-12 (WO98/05848)  
[30] US (60/022,920) 1996-08-01

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[21] **2,262,913**  
[13] A1  
[51] **Int.Cl. 6H04L 27/32 6H03M 13/12**  
[25] EN  
[54] **MULTILEVEL CODING WITH TIME DIVERSITY**  
[54] **CODAGE MULTINIVEAU ET AVEC DIVERSITE DANS LE TEMPS**  
[72] WEI, Lee-Fang, US  
[71] LUCENT TECHNOLOGIES INC., US  
[85] 1999-02-03  
[86] 1998-06-11 (PCT/US98/11615)  
[87] 1998-12-17 (WO98/57473)  
[30] US (60/049,596) 1997-06-13

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[21] **2,262,914**  
[13] A1  
[51] **Int.Cl. 6A61B 5/024**  
[25] EN  
[54] **INFANT/NEONATAL PULSE OXIMETER SENSOR**  
[54] **SPHYGO-OXYMETRE NEONATAL OU POUR NOURRISSONS**  
[72] MANNHEIMER, Paul D., US  
[71] NELLCOR PURITAN BENNETT INCORPORATED, US  
[85] 1999-02-01  
[86] 1997-07-21 (PCT/US97/12715)  
[87] 1998-02-12 (WO98/05252)  
[30] US (08/695,243) 1996-08-07

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<p style="text-align: right;">[21] <b>2,262,925</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01J 1/62</b> [25] EN [54] <b>LIGHT-EMITTING DEVICES UTILIZING HIGH WORKFUNCTION ELECTRODES</b> [54] <b>DISPOSITIFS ELECTROLUMINESCENTS UTILISANT DES ELECTRODES DE TRAVAIL D'EXTRACTION</b> [72] EPSTEIN, Arthur J., US [72] WANG, Yunzhang, US [71] THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION, US [85] 1999-02-01 [86] 1997-07-30 (PCT/US97/13410) [87] 1998-02-12 (WO98/06122) [30] US (60/023,071) 1996-08-02 [30] US (08/901,908) 1997-07-29</p>	<p style="text-align: right;">[21] <b>2,262,928</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 12/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR ALIASING MEMORY DATA IN AN ADVANCED MICROPROCESSOR</b> [54] <b>PROCEDE ET DISPOSITIF POUR REPLIQUER DES DONNEES MEMOIRE DANS UN MICROPROCESSEUR EVOLUE</b> [72] WING, Malcolm J., US [72] KELLY, Edmund J., US [71] TRANSMETA CORPORATION, US [85] 1999-02-03 [86] 1997-09-22 (PCT/US97/16911) [87] 1998-04-02 (WO98/13740) [30] US (08/721,698) 1996-09-26</p>	<p style="text-align: right;">[21] <b>2,262,932</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 33/038 6E21B 43/013</b> [25] EN [54] <b>SUBSEA WELL</b> [54] <b>PUITS SOUS-MARIN</b> [72] INGEBRIGTSEN, Atle B., NO [72] EIDE, Jorgen, NO [71] DEN NORSKE STATS OLJESELSKAP A.S, NO [85] 1999-02-03 [86] 1997-08-21 (PCT/NO97/00218) [87] 1998-03-05 (WO98/09050) [30] NO (963585) 1996-08-27</p>
<p style="text-align: right;">[21] <b>2,262,926</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38</b> [25] EN [54] <b>METHOD AND APPARATUS FOR RELIABLE INTERSYSTEM HANDOFF IN A CDMA SYSTEM</b> [54] <b>PROCEDE ET DISPOSITIF DE TRANSFERT INTERSYSTEME FIABLE DANS UN SYSTEME AMCR</b> [72] PADOVANI, Roberto, US [71] QUALCOMM INCORPORATED, US [85] 1999-02-03 [86] 1997-08-06 (PCT/US97/13869) [87] 1998-02-12 (WO98/06230) [30] US (695,241) 1996-08-07</p>	<p style="text-align: right;">[21] <b>2,262,930</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F02C 7/28 6F02C 7/12</b> [25] EN [54] <b>SEAL STRUCTURE BETWEEN GAS TURBINE DISCS</b> [54] <b>STRUCTURE D'ETANCHEITE MONTEE ENTRE LES DISQUES D'UNE TURBINE A GAZ</b> [72] NAKAMURA, Takeshi, JP [72] SAKATA, Kaoru, JP [72] CHIKAMI, Rintaro, JP [71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP [85] 1999-02-03 [86] 1998-06-03 (PCT/JP98/02455) [87] 1998-12-10 (WO98/55736) [30] JP (9/146475) 1997-06-04 [30] JP (9/162647) 1997-06-19</p>	<p style="text-align: right;">[21] <b>2,262,933</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B64D 27/00 6B64D 47/00 6B64D 27/26 6B64C 1/40</b> [25] EN [54] <b>ACTIVE STRUCTURAL CONTROL SYSTEM AND METHOD INCLUDING ACTIVE VIBRATION ABSORBERS (AVAS)</b> [54] <b>SYSTEME D'AJUSTAGE STRUCTUREL ACTIF ET PROCEDE ASSOCIE RECOURANT A DES AMORTISSEURS DYNAMIQUES</b> [72] ROSSETTI, Dino J., US [72] IVERS, Douglas E., US [72] SOUTHWARD, Steve C., US [72] HEATH, Michael C., US [72] NORRIS, Mark A., US [71] LORD CORPORATION, US [85] 1999-02-03 [86] 1997-07-07 (PCT/US97/11856) [87] 1998-02-12 (WO98/06089) [30] US (08/693,742) 1996-08-07</p>
<p style="text-align: right;">[21] <b>2,262,927</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04R 5/02 6H04R 1/02</b> [25] EN [54] <b>DIPOLE SPEAKER HEADRESTS</b> [54] <b>APPUIE-TETE A HAUT-PAR-LEURS BIPOLAIRES</b> [72] HOUSE, William Neal, US [71] HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, US [85] 1999-02-03 [86] 1997-07-09 (PCT/US97/11958) [87] 1998-02-12 (WO98/06232) [30] US (08/693,399) 1996-08-07</p>	<p style="text-align: right;">[21] <b>2,262,931</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F28D 19/04 6G01B 13/02 6F28D 17/02</b> [25] EN [54] <b>METHOD AND DEVICE FOR SENSING A CLEARANCE</b> [54] <b>PROCEDE ET DISPOSITIF DE DETECTION D'UN ESPACE LIBRE</b> [72] LUNDIN, Stig, SE [72] KARLSSON, Kurt, SE [71] ABB Air Preheater, Inc., US [85] 1999-02-01 [86] 1997-08-14 (PCT/SE97/01348) [87] 1998-02-19 (WO98/06994) [30] SE (9602991-3) 1996-08-15</p>	

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<p style="text-align: center;">[21] <b>2,262,934</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 9/007</b> [25] EN [54] <b>DEFORMABLE INTRAOCULAR LENS INJECTING APPARATUS WITH TRANSVERSE HINGED LENS CARTRIDGE</b> [54] <b>APPAREIL D'IMPLANTATION D'UNE LENTILLE INTRA-OCULAIRE SOUPLE POURVU D'UNE CARTOUCHE DE LENTILLE ARTICULEE LATERALEMENT</b> [72] EAGLES, Daniel C., US [72] FEINGOLD, Vladimir, US [72] CHAMBERS, Thomas J., US [72] WOLF, John R., US [71] STAAR SURGICAL COMPANY, INC., US [85] 1999-02-01 [86] 1997-07-31 (PCT/US97/13431) [87] 1998-02-12 (WO98/05281) [30] US (08/691,492) 1996-08-02</p>	<p style="text-align: center;">[21] <b>2,262,938</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B62D 53/06</b> [25] EN [54] <b>LOCKING PINS FOR MOVABLE SUBFRAME OF TRACTOR-TRAILERS</b> [54] <b>BROCHES DE BLOCAGE POUR SOUS-CHASSIS DE TRACTEURS DE SEMI-REMORQUES</b> [72] PIERCE, Phillippi Randsome, US [72] DILLING, Scott Allen, US [72] RAMSEY, John Edward, US [71] THE BOLER COMPANY, US [85] 1999-02-03 [86] 1997-08-27 (PCT/US97/16293) [87] 1998-03-05 (WO98/08730) [30] US (08/705,787) 1996-08-30</p>	<p style="text-align: center;">[21] <b>2,262,952</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 25/10</b> [25] EN [54] <b>PROTECTIVE SHEATH FOR CATHETER BALLOONS</b> [54] <b>GAINE DE PROTECTION POUR BALLONNETS DE CATHETER</b> [72] WILLIAMS, Kerry, US [72] TAVISH, Rebecca Len, US [72] HOWARD, Lawrence E., US [72] PATEL, Udayan G., US [71] ADVANCED CARDIOVASCULAR SYSTEMS, INC., US [85] 1999-02-03 [86] 1997-08-11 (PCT/US97/14072) [87] 1998-02-19 (WO98/06452) [30] US (08/698,149) 1996-08-15</p>
<p style="text-align: center;">[21] <b>2,262,935</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29B 15/12 6B29B 9/06</b> [25] EN [54] <b>CHEMICAL TREATMENTS FOR FIBERS AND WIRE-COATED COMPOSITE STRANDS FOR MOLDING FIBER-REINFORCED THERMOPLASTIC COMPOSITE ARTICLES</b> [54] <b>TRAITEMENTS CHIMIQUES DE FIBRES ET DE FILS DE BASE COMPOSITES ENROBES, AUX FINS DE MOULAGE D'ARTICLES COMPOSITES THERMOPLASTIQUES A FIBRES RENFORCEES</b> [72] WOODSIDE, Andrew B., US [71] OWENS CORNING, US [85] 1999-02-03 [86] 1997-08-07 (PCT/US97/13915) [87] 1998-02-19 (WO98/06551) [30] US (08/695,504) 1996-08-12 [30] US (08/695,909) 1996-08-12</p>	<p style="text-align: center;">[21] <b>2,262,941</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 27/22</b> [25] EN [54] <b>DEMODULATOR WITH DIGITAL CIRCUIT FOR RECOVERING CARRIER AND RHYTHM</b> [54] <b>DEMODULATEUR A CIRCUIT NUMERIQUE DE RECUPERATION DE PORTEUSE ET DE RYTHME</b> [72] KARAM, Georges Michel, FR [72] MAALEJ, Khaled, FR [71] SAT (SOCIÉTÉ ANONYME DE TÉLÉCOMMUNICATIONS), FR [85] 1999-02-03 [86] 1997-07-31 (PCT/FR97/01446) [87] 1998-02-12 (WO98/06206) [30] FR (96/10100) 1996-08-07</p>	<p style="text-align: center;">[21] <b>2,262,955</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 1/69 6H03K 7/04 6H04B 7/216</b> [25] EN [54] <b>IMPROVEMENTS IN ULTRAFAST TIME HOPPING CDMA-RF</b> [54] <b>AMELIORATIONS CONCERNANT L'AMCR-HF A SAUTS TEMPORELS ULTRARAPIDES</b> [72] BARRETT, Terence W., US [71] BARRETT HOLDING LLC, US [85] 1999-02-03 [86] 1997-03-07 (PCT/US97/03182) [87] 1998-09-11 (WO98/39882)</p>
<p style="text-align: center;">[21] <b>2,262,946</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 9/02</b> [25] EN [54] <b>PROTECTIVE GOGGLES</b> [54] <b>LUNETTES PROTECTRICES</b> [72] HORNIG, Wolfgang, DE [71] WARWICK TRADING LTD., GB [85] 1999-02-01 [86] 1997-07-31 (PCT/DE97/01622) [87] 1998-02-12 (WO98/05282) [30] DE (296 13 426.0) 1996-08-02</p>	<p style="text-align: center;">[21] <b>2,262,960</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38 6H04Q 7/32</b> [25] EN [54] <b>MOBILE RADIO COMMUNICATION SYSTEM, MOBILE STATION, AND METHOD FOR CONTROLLING DIVERSITY HAND-OVER BRANCH</b> [54] <b>SYSTEME DE RADIOCOMMUNICATION MOBILE, STATION MOBILE ET PROCEDE DE COMMANDE DES VOIES DE PASSAGE DE DIVERSITE</b> [72] TAMURA, Motoshi, JP [72] OHTANI, Tomoyuki, JP [72] SATO, Takaaki, JP [71] NTT MOBILE COMMUNICATIONS NETWORK INC., JP [85] 1999-02-03 [86] 1998-06-03 (PCT/JP98/02456) [87] 1998-12-10 (WO98/56196) [30] JP (146,940/1997) 1997-06-04</p>	



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<p style="text-align: right;">[21] <b>2,262,961</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47C 4/54</b> [25] EN [54] <b>AIR PUMPING SYSTEM FOR AN AUTOMOTIVE SEAT</b> [54] <b>SYSTEME DE POMPE PNEUMATIQUE POUR SIEGE DE VEHICULE</b> [72] SCHMIDT, Howard J., US [71] MCCORD WINN TEXTRON INC., US [85] 1999-02-03 [86] 1998-06-02 (PCT/US98/11186) [87] 1998-12-30 (WO98/58567) [30] US (08/880,146) 1997-06-20</p>	<p style="text-align: right;">[21] <b>2,262,980</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F02B 75/02 6F02B 47/02</b> [25] EN [54] <b>INTERNAL COMBUSTION ENGINE WITH EXTENDED WORKING CYCLE</b> [54] <b>MOTEUR A COMBUSTION A CYCLE DE TRAVAIL ELARGI</b> [72] DE CLERCQ, Ludo, BE [71] DE CLERCQ, Ludo, BE [85] 1999-02-08 [86] 1997-08-08 (PCT/EP97/04343) [87] 1998-02-19 (WO98/06935) [30] DE (196 32 179.4) 1996-08-09</p>	<p style="text-align: right;">[21] <b>2,262,985</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H03K 3/57</b> [25] FR [54] <b>CIRCUIT DE GENERATION D'IMPULSIONS DE COURANT A HAUTE TENSION DELIVRE DANS UN CIRCUIT DE CHARGE ET PROCEDE DE MISE EN OEUVRE</b> [54] <b>CIRCUIT FOR GENERATING PULSES OF HIGH VOLTAGE CURRENT DELIVERED INTO A LOAD CIRCUIT AND IMPLEMENTING METHOD</b> [72] LE CAMPION, Christophe, FR [71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR [85] 1999-02-04 [86] 1997-08-07 (PCT/FR97/01466) [87] 1998-02-19 (WO98/07235) [30] FR (96/10006) 1996-08-08</p>
<p style="text-align: right;">[21] <b>2,262,975</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29D 22/00 6B29C 45/00 6B65D 41/00 6B29C 65/78</b> [25] EN [54] <b>PROCESS AND APPARATUS FOR MAKING A LEAK PROOF CAP AND BODY ASSEMBLY</b> [54] <b>PROCEDE ET APPAREIL POUR REALISER UN ENSEMBLE ETANCHE COUVERCLE ET CORPS</b> [72] ABRAMS, Robert S., US [72] GARREN, Robert Thomas Jr., US [71] CAPITOL VIAL, INC., US [85] 1999-02-08 [86] 1997-06-27 (PCT/US97/10807) [87] 1999-01-07 (WO99/00238)</p>	<p style="text-align: right;">[21] <b>2,262,982</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C04B 41/61 6E04F 15/12</b> [25] FR [54] <b>PROCEDE DE REALISATION D'UN SOL ET SOL AINSI OBTENU</b> [54] <b>METHOD FOR PRODUCING A FLOOR, AND RESULTING FLOOR</b> [72] SEGRETAIN, François, FR [72] GUERINET, Jean-Paul, FR [71] LAFARGE MATERIAUX DE SPECIALITES S.A., FR [85] 1999-02-02 [86] 1997-07-31 (PCT/FR97/01437) [87] 1998-02-12 (WO98/05603) [30] FR (96/10029) 1996-08-05</p>	<p style="text-align: right;">[21] <b>2,262,986</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 11/20</b> [25] FR [54] <b>PROCEDE ET DISPOSITIF DE CONNEXION DE L'UNITE CENTRALE D'UN SYSTEME DE TRAITEMENT DE DONNEES A UN SOUS-SYSTEME DE STOCKAGE DE DONNEES A REDONDANCE</b> [54] <b>METHOD AND DEVICE FOR CONNECTING A DATA PROCESSING SYSTEM CENTRAL UNIT TO A REDUNDANCY DATA STORAGE SUBSYSTEM</b> [72] PINSON, Denis, FR [71] BULL S.A., FR [85] 1999-02-04 [86] 1998-04-23 (PCT/FR98/00814) [87] 1998-11-05 (WO98/49619) [30] FR (97/05279) 1997-04-29</p>
<p style="text-align: right;">[21] <b>2,262,979</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B62H 3/02 6B62H 3/04</b> [25] FR [54] <b>DISPOSITIF DE MAINTIEN D'UNE BICYCLETTE EN STATIONNEMENT COMPORTANT UN ANTI-VOL</b> [54] <b>BICYCLE PARKING APPARATUS WITH AN ANTI-THEFT DEVICE</b> [72] DAUDET, Guy, FR [71] DAUDET, Guy, FR [85] 1998-08-17 [86] 1997-02-24 (PCT/FR97/00330) [87] 1997-08-28 (WO97/30884) [30] FR (96/02226) 1996-02-23</p>	<p style="text-align: right;">[21] <b>2,262,983</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 7/00 6G06K 19/07</b> [25] FR [54] <b>MICROCIRCUIT A FONCTIONNEMENT MIXTE, AVEC OU SANS CONTACT</b> [54] <b>MICROCIRCUIT WITH CONTACT AND NON-CONTACT OPERATING MODES</b> [72] KOWALSKI, Jacek, FR [71] INSIDE TECHNOLOGIES, FR [85] 1999-02-02 [86] 1997-07-08 (PCT/FR97/01230) [87] 1998-02-12 (WO98/06057) [30] FR (96/10032) 1996-08-05</p>	

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[21] **2,262,987**  
[13] A1  
[51] **Int.Cl. 6A61K 31/18 6A61K 9/06 6A61K 9/08**  
[25] EN  
[54] **DRUGS FOR IMPROVING OCULAR CIRCULATION DISORDERS**  
[54] **MEDICAMENTS DE LUTTE CONTRE CERTAINES ANOMALIES DE LA CIRCULATION OCULAIRE**  
[72] WATANABE, Noriko, JP  
[72] OGAWA, Takahiro, JP  
[72] WAKI, Mitsunori, JP  
[71] YAMANOUCHI PHARMACEUTICAL CO., LTD., JP  
[71] SENJU PHARMACEUTICAL CO., LTD., JP  
[85] 1999-02-01  
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[87] 1998-02-12 (WO98/05316)  
[30] JP (8-220562) 1996-08-02

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[13] A1  
[51] **Int.Cl. 6A61B 17/11**  
[25] EN  
[54] **CORONARY SHUNT AND METHOD OF USE**  
[54] **PONTAGE CORONARIEN ET PROCEDE D'UTILISATION**  
[72] ADAMS, Craig L., US  
[72] SNOW, David W., US  
[72] DONLON, Brian S., US  
[72] GIFFORD, Hanson S., III, US  
[71] HEARTPORT, INC., US  
[85] 1999-02-01  
[86] 1997-07-16 (PCT/US97/12402)  
[87] 1998-01-22 (WO98/02099)  
[30] US (08/680,889) 1996-07-16  
[30] US (08/710,231) 1996-09-13

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[13] A1  
[51] **Int.Cl. 6G07F 9/04 6H04M 17/02**  
[25] EN  
[54] **COIN ESCROW APPARATUS FOR PAY TELEPHONES**  
[54] **MECANISME DE COMPARTIMENT A PIECES DE MONNAIE POUR TELEPHONES PAYANTS**  
[72] EVANS, Paul M., US  
[72] MCGINTY, Joseph R., US  
[72] FAES, Steven Michael, US  
[71] QVEX, INC., US  
[85] 1999-02-01  
[86] 1997-07-30 (PCT/US97/13421)  
[87] 1998-02-05 (WO98/05156)  
[30] US (60/022,769) 1996-07-30  
[30] US (60/043,195) 1997-04-16

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[13] A1  
[51] **Int.Cl. 6G06K 7/00 6G06K 19/07**  
[25] FR  
[54] **CIRCUIT INTEGRE A FONCTIONNEMENT SANS CONTACT, COMPORTANT UNE POMPE DE CHARGES**  
[54] **NON-CONTACT INTEGRATED CIRCUIT COMPRISING A CHARGE PUMP**  
[72] KOWALSKI, Jacek, FR  
[72] MARTIN, Michel, FR  
[71] INSIDE TECHNOLOGIES, FR  
[85] 1999-02-04  
[86] 1997-06-25 (PCT/FR97/01128)  
[87] 1998-02-12 (WO98/06056)  
[30] FR (96/09909) 1996-08-06

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[13] A1  
[51] **Int.Cl. 6A61B 17/122**  
[25] FR  
[54] **SUPPORT DE CLIPS HEMOSTATIQUES**  
[54] **HAEMOSTATIC CLIP HOLDER**  
[72] FORSTER, Michel, FR  
[71] VITALITEC INTERNATIONAL, FR  
[85] 1999-02-01  
[86] 1997-07-29 (PCT/FR97/01410)  
[87] 1998-02-12 (WO98/05260)  
[30] FR (96/09921) 1996-08-01

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[13] A1  
[51] **Int.Cl. 6A61K 31/445 6A61K 31/155 6A61K 31/16 6A61K 31/41 6A61K 31/535**  
[25] EN  
[54] **PHARMACEUTICAL PRODUCTS FOR CURING AND PREVENTING ILLNESSES CONNECTED WITH THE MALFUNCTION OF VASCULAR ENDOTHELIAL CELLS**  
[54] **PRODUITS PHARMACEUTIQUES PREVENTIFS ET CURATIFS DE MALADIES LIEES A DES DEFAILLANCES DE CELLULES DE L'ENDOTHELIUM VASCULAIRE**  
[72] JEDNAKOVITS, Andrea, HU  
[72] ERDO, Sandor, HU  
[72] MARVANYOS, Ede, HU  
[72] SCHMIDT, György, HU  
[72] KORANYI, Laszlo, HU  
[72] TOROK, Magdolna, HU  
[72] SINKA, Marta, HU  
[72] UROGDI, Laszlo, HU  
[72] BARABAS, Mihaly, HU  
[72] BACSY, Ernő, HU  
[72] KURUCZ, Istvan, HU  
[72] DORMAN, György, HU  
[72] VITAI, Marta, HU  
[71] BIOREX KUTATO ÉS FEJLESZTO RT., HU  
[85] 1999-02-08  
[86] 1997-08-06 (PCT/HU97/00044)  
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[30] HU (P 96 02204) 1996-08-09  
[30] HU (P 97 01349) 1997-08-04

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[13] A1  
[51] **Int.Cl. 6H04L 25/06 6H04M 11/06 6H04M 1/78**  
[25] EN  
[54] **DC SUPPRESSION FOR PCM MODEMS**  
[54] **SUPPRESSION DE CC POUR MODEMS DE MODULATION PAR IMPULSIONS CODEES**  
[72] LERY, Scott A., US  
[72] WALDRON, Mark A., US  
[72] PARIZHISKY, Vladimir G., US  
[72] NORRELL, Andrew, US  
[71] 3COM CORPORATION, US  
[85] 1999-02-08  
[86] 1998-06-05 (PCT/US98/15114)  
[87] 1998-12-17 (WO98/57468)  
[30] US (08/871,220) 1997-06-09

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[21] **2,262,999**  
[13] A1

[51] **Int.Cl. 6A61J 9/00**  
[25] EN  
[54] **IMPROVED NURSING BOTTLE**  
[54] **BIBERON AMELIORE**  
[72] DAIR, Thomas M., US  
[72] ANDO, Mari H., US  
[72] CHAN, Edwin, US  
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US  
[85] 1999-02-08  
[86] 1997-08-01 (PCT/US97/13595)  
[87] 1998-02-19 (WO98/06374)  
[30] US (08/695,357) 1996-08-09

[21] **2,263,000**  
[13] A1

[51] **Int.Cl. 6A47B 45/00 6A47B 81/02**  
[25] EN  
[54] **ADJUSTABLE DRAWER ORGANIZER**  
[54] **STRUCTURE REGLABLE A COM- PARTIMENTS POUR TIROIR**  
[72] PINE, Eli, US  
[72] GLEDHILL, Dale C., US  
[72] ROSENBERG, Gayle, US  
[71] PINE, Eli, US  
[71] GLEDHILL, Dale C., US  
[71] ROSENBERG, Gayle, US  
[85] 1999-02-08  
[86] 1997-08-08 (PCT/US97/14032)  
[87] 1998-02-19 (WO98/06300)  
[30] US (08/689,554) 1996-08-09

[21] **2,263,001**  
[13] A1

[51] **Int.Cl. 6G02B 5/30 6G01C 19/72**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ACCURATELY FABRICATING A DE- POLARIZER**  
[54] **PROCEDE ET APPAREIL PER- METTANT DE FABRIQUER AVEC PRE- CISION UN DEPOLARISANT**  
[72] FETH, John R., US  
[72] JESSOP, Isaac R., US  
[72] STRACESKI, Joseph F., US  
[71] HONEYWELL INC., US  
[85] 1999-02-08  
[86] 1997-08-19 (PCT/US97/14611)  
[87] 1998-02-26 (WO98/08119)  
[30] US (08/697,050) 1996-08-19

[21] **2,263,002**  
[13] A1

[51] **Int.Cl. 6C02F 1/28**  
[25] EN  
[54] **A WATER TREATMENT CAR- TRIDGE AND A WATER FILTER JUG FITTED WITH SUCH A CARTRIDGE**  
[54] **CARTOUCHE DE TRAITEMENT DE L'EAU ET CARAFE DE FILTRAGE DE L'EAU EQUIPEE D'UNE TELLE CARTOUCHE**  
[72] ROBINSON, Thomas, GB  
[71] BRITA WATER FILTER SYSTEMS LIMITED, GB  
[85] 1999-02-08  
[86] 1997-08-06 (PCT/GB97/02120)  
[87] 1998-02-12 (WO98/05401)  
[30] DE (196 31 687.1) 1996-08-06  
[30] DE (196 32 538.2) 1996-08-13  
[30] GB (9617232.5) 1996-08-16

[21] **2,263,003**  
[13] A1

[51] **Int.Cl. 6B05D 1/10 6B05D 1/06**  
[25] EN  
[54] **METHOD OF HOT AIR SPRAYING THERMALLY MELTABLE POW- DERED POLYMERIC COMPOSITIONS**  
[54] **PROCEDE POUR PULVERISER A L'AIR CHAUD DES COMPOSITIONS POLYMERES EN POUFRE FONDANT A LA CHALEUR**  
[72] MARIKAR, Faruq, US  
[72] FARRONATO, Silvestro, IT  
[72] GAZZEA, Sergio, IT  
[71] VIANOVA RESINS S.P.A., IT  
[85] 1999-02-08  
[86] 1997-07-26 (PCT/EP97/04161)  
[87] 1998-02-19 (WO98/06507)  
[30] IT (MI96A001728) 1996-08-08

[21] **2,263,004**  
[13] A1

[51] **Int.Cl. 6B01D 39/16 6B01D 46/52**  
[25] EN  
[54] **FILTER MEDIUM AND AIR FIL- TER UNIT**  
[54] **MILIEU FILTRANT ET FILTRE A AIR**  
[72] HIRANO, Seiichi, JP  
[72] URAOKA, Nobuki, JP  
[72] CHAEN, Shinichi, JP  
[72] HARA, Satoshi, JP  
[72] INOUE, Osamu, JP  
[72] KUSUMI, Toshio, JP  
[72] ASANO, Jun, JP  
[71] DAIKIN INDUSTRIES, LTD., JP  
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[30] JP (8-211636) 1996-08-09  
[30] JP (9-021522) 1997-02-04

[21] **2,263,064**  
[13] A1

[51] **Int.Cl. 6A45D 40/16 6A45D 40/04**  
[25] EN  
[54] **METHOD OF FILLING DISPENSER**  
[54] **PROCEDE DE REMPLISSAGE DE DISTRIBUTEUR**  
[72] PESCATORE, John E., US  
[72] TUCKER, William E., US  
[71] THE GILLETTE COMPANY, US  
[85] 1999-02-08  
[86] 1997-09-12 (PCT/US97/16263)  
[87] 1998-03-19 (WO98/10678)  
[30] US (714,655) 1996-09-16

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[21] **2,263,065**  
[13] A1

[51] **Int.Cl. 6G02B 5/18 6G02B 6/42**  
[25] EN  
[54] **GRATING ELEMENT, LIGHT WAVELENGTH SELECTION UTILIZING THE SAME, AND OPTICAL SIGNAL TRANSMITTING SYSTEM**  
[54] **ELEMENT GRILLE DE DIFFRACTION, SELECTION DES LONGUEURS D'ONDES LUMINEUSES AU MOYEN DE CET ELEMENT, ET SYSTEME DE TRANSMISSION DE SIGNAUX OPTIQUES**  
[72] FUJIWARA, Takumi, JP  
[72] IKUSHIMA, Akira, JP  
[71] TOYOTA SCHOOL FOUNDATION, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
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[87] 1998-02-19 (WO98/07064)  
[30] JP (8/212323) 1996-08-12  
[30] JP (8/244966) 1996-09-17

[21] **2,263,066**  
[13] A1

[51] **Int.Cl. 6B65G 43/02 6B65G 15/32**  
[25] EN  
[54] **SMART SPLICE**  
[54] **JONCTION INTELLIGENTE**  
[72] HUTCHINS, Thomas Goodsell, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[85] 1999-02-08  
[86] 1996-08-23 (PCT/US96/13584)  
[87] 1998-02-26 (WO98/07643)

[21] **2,263,072**  
[13] A1

[51] **Int.Cl. 6D04H 1/42 6C09K 21/02 6D06Q 1/04 6D06M 11/83**  
[25] EN  
[54] **FIRE BARRIER MAT**  
[54] **MAT COUPE-FEU**  
[72] SANOCKI, Stephen M., US  
[72] ERICKSON, John L., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1999-02-09  
[86] 1997-07-25 (PCT/US97/13306)  
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[30] US (08/708274) 1996-09-03

[21] **2,263,073**  
[13] A1

[51] **Int.Cl. 6H02H 3/08**  
[25] EN  
[54] **CIRCUIT PROTECTION ARRANGEMENTS**  
[54] **DISPOSITIF DE PROTECTION DE CIRCUIT**  
[72] BURCICKI, Douglas A., US  
[72] DEGREDEL, Glen A., US  
[72] BROWN, Michael, US  
[72] MYONG, Inho, US  
[71] RAYCHEM CORPORATION, US  
[71] EWD, L.L.C., US  
[85] 1999-02-09  
[86] 1997-07-10 (PCT/US97/11903)  
[87] 1998-01-22 (WO98/02946)  
[30] US (08/682,067) 1996-07-16

[21] **2,263,076**  
[13] A1

[51] **Int.Cl. 6F21L 15/02 6F21L 7/00 6B62J 6/02 6B62J 6/04 6B62J 6/20**  
[25] EN  
[54] **LIGHTING DEVICES E.G. BICYCLE LAMPS**  
[54] **PIECE D'ECLAIRAGE (LAMPE POUR BICYCLETTES, PAR EXEMPLE)**  
[72] BROWN, John Robert, AU  
[72] MARTENS, Gregory Michael, AU  
[72] DALTON, David Richard, AU  
[71] EVEREADY BATTERY COMPANY, INC., US  
[85] 1999-02-08  
[86] 1997-08-13 (PCT/AU97/00513)  
[87] 1998-02-19 (WO98/06975)  
[30] AU (PO 1636) 1996-08-13

[21] **2,263,079**  
[13] A1

[51] **Int.Cl. 6B65D 90/08 6B65D 90/02 6E04B 1/348**  
[25] EN  
[54] **DEVICE FOR CONNECTING MULTIPLE ISOCONTAINERS**  
[54] **DISPOSITIF POUR RELIER PLUSIEURS CONTENEURS ISO**  
[72] RENE, Svein, NO  
[71] SHELTER CONTAINER SYSTEM AS, NO  
[85] 1999-02-04  
[86] 1997-08-05 (PCT/NO97/00198)  
[87] 1998-02-12 (WO98/05574)  
[30] NO (963263) 1996-08-05

[21] **2,263,082**  
[13] A1

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **THIN ABSORBENT ARTICLE**  
[54] **ARTICLE MINCE ABSORBANT**  
[72] GILMAN, Thomas Harry, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 1999-02-05  
[86] 1997-08-11 (PCT/US97/14190)  
[87] 1998-03-12 (WO98/09593)  
[30] US (08/707,567) 1996-09-04

[21] **2,263,085**  
[13] A1

[51] **Int.Cl. 6C02F 1/76 6A61L 9/14 6B01D 53/52**  
[25] EN  
[54] **ODOR CONTROL IN INDUSTRIAL LAGOONS**  
[54] **LUTTE CONTRE LES ODEURS DANS DES LAGUNES INDUSTRIELLES**  
[72] DECHANT, Darrell L., US  
[72] MASON, John Y., US  
[71] SABRE OXIDATION TECHNOLOGIES, INC., US  
[85] 1999-02-05  
[86] 1998-05-08 (PCT/US98/09213)  
[87] 1998-11-12 (WO98/50310)  
[30] US (08/853,656) 1997-05-09

[21] **2,263,089**  
[13] A1

[51] **Int.Cl. 6D04H 3/07 6D04H 3/16**  
[25] EN  
[54] **NONWOVEN FABRIC HAVING A PORE SIZE GRADIENT AND METHOD AND APPARATUS FOR FORMING SAME**  
[54] **NON-TISSE AVEC GRADIENT DE LA TAILLE DES PORES, ET PROCEDURE ET DISPOSITIF DE FABRICATION ASSOCIES**  
[72] VARONA, Eugenio Go, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 1999-02-09  
[86] 1997-08-11 (PCT/US97/14188)  
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[30] US (08/712,818) 1996-09-12

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<p style="text-align: right;">[21] <b>2,263,096</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47F 10/00 6E04H 1/00</b></p> <p>[25] EN</p> <p>[54] <b>RECONFIGURABLE SYSTEM FOR SUBDIVIDING BUILDING SPACE AND HAVING MINIMAL FOOTPRINT</b></p> <p>[54] <b>SYSTEME RECONFIGURABLE POUR LA SUBDIVISION DE L'ESPACE D'UN LOCAL ET AYANT UN ENCOMBREMENT MINIMUM</b></p> <p>[72] KING, Jonathan J., US</p> <p>[72] MEAD, Karl J., US</p> <p>[72] SIEBERT, Paul B., US</p> <p>[72] SEGAL, Leon D., US</p> <p>[72] FRIEDMAN, Frank, US</p> <p>[72] ARKO, Robert P., US</p> <p>[72] SEIBER, Charles A., US</p> <p>[72] CORCORAN, Sean M., US</p> <p>[71] STEELCASE INC., US</p> <p>[85] 1999-02-10</p> <p>[86] 1997-08-12 (PCT/US97/13956)</p> <p>[87] 1998-02-26 (WO98/07357)</p> <p>[30] US (08/701,664) 1996-08-22</p>	<p style="text-align: right;">[21] <b>2,263,107</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F04B 15/04 6F04B 35/00</b></p> <p>[25] EN</p> <p>[54] <b>MOLTEN METAL TRANSFER PUMP</b></p> <p>[54] <b>POMPE DE TRANSFERT DE METAL EN FUSION</b></p> <p>[72] VILD, Chris T., US</p> <p>[72] RITCHIE, Herbert L., US</p> <p>[72] MORDUE, George S., US</p> <p>[71] METAULLICS SYSTEM CO., L.P., US</p> <p>[85] 1999-02-08</p> <p>[86] 1997-08-07 (PCT/US97/13788)</p> <p>[87] 1998-04-16 (WO98/15736)</p> <p>[30] US (06/023,550) 1996-08-07</p>	<p style="text-align: right;">[21] <b>2,263,114</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 3/386 6C11D 3/384</b></p> <p>[25] EN</p> <p>[54] <b>DETERGENT COMPOSITIONS COMPRISING ANTIBODY CONTROLLED PROTEOLYTIC ACTIVITY</b></p> <p>[54] <b>COMPOSITIONS DETERGENTES A ACTIVITE PROTEOLYTIQUE REGULEE PAR DES ANTICORPS</b></p> <p>[72] BAECK, Andre Cesar, BE</p> <p>[72] WEVERS, Jean, BE</p> <p>[72] HERBOTS, Ivan Maurice Alfons Jan, BE</p> <p>[72] VAN HAUWERMEIREN, Tim Maria Joris, BE</p> <p>[71] THE PROCTER &amp; GAMBLE COMPANY, US</p> <p>[85] 1999-02-11</p> <p>[86] 1997-08-13 (PCT/US97/14288)</p> <p>[87] 1998-02-19 (WO98/06811)</p> <p>[30] WO (PCT/US96/13368) 1996-08-16</p>
<p style="text-align: right;">[21] <b>2,263,099</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/50</b></p> <p>[25] EN</p> <p>[54] <b>MULTI-PROTOCOL TELECOMMUNICATIONS ROUTING OPTIMIZATION</b></p> <p>[54] <b>OPTIMISATION D'ACHEMINEMENT DE TELECOMMUNICATIONS MULTIPROTOCOLE</b></p> <p>[72] KAPLAN, Allen D., US</p> <p>[72] McARTHUR, William F., US</p> <p>[71] CONNECT ONE, INC., US</p> <p>[85] 1999-02-12</p> <p>[86] 1997-10-30 (PCT/US97/19624)</p> <p>[87] 1998-05-07 (WO98/19439)</p> <p>[30] US (08/741,130) 1996-10-31</p>	<p style="text-align: right;">[21] <b>2,263,108</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 83/08 6A47K 10/34</b></p> <p>[25] EN</p> <p>[54] <b>POP-UP TISSUE PACKAGE</b></p> <p>[54] <b>BOITES A MOUCHOIRS A DISTRIBUTION AUTOMATIQUE</b></p> <p>[72] TROKHAN, Paul Dennis, US</p> <p>[71] THE PROCTER &amp; GAMBLE COMPANY, US</p> <p>[85] 1999-02-08</p> <p>[86] 1997-08-01 (PCT/US97/13556)</p> <p>[87] 1998-02-19 (WO98/06641)</p> <p>[30] US (08/695,041) 1996-08-09</p>	<p style="text-align: right;">[21] <b>2,263,115</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 7/52 6H04M 9/08</b></p> <p>[25] EN</p> <p>[54] <b>ELIMINATING DIVISION IN NLMS ALGORITHM</b></p> <p>[54] <b>ELIMINATION DE LA DIVISION DANS UN ALGORITHME A MOYENNE QUADRATIQUE MINIMALE NORMALISEE</b></p> <p>[72] DING, Heping, CA</p> <p>[71] NORTHERN TELECOM LIMITED, CA</p> <p>[85] 1999-02-08</p> <p>[86] 1997-08-08 (PCT/CA97/00580)</p> <p>[87] 1998-02-19 (WO98/07102)</p> <p>[30] US (08/694,128) 1996-08-08</p>

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[21] **2,263,119**  
[13] A1

[51] **Int.Cl. 6A61F 2/24**  
[25] EN  
[54] **CENTRAL OPENING CURVED BILEAFLET HEART VALVE PROSTHESIS**  
[54] **PROTHESE DE VALVULE COMPORTANT DEUX VALVES INCURVEES ET UNE OUVERTURE CENTRALE**  
[72] BICER, Demetrio, US  
[71] BICER, Demetrio, US  
[85] 1999-02-08  
[86] 1997-08-06 (PCT/US97/14132)  
[87] 1998-02-19 (WO98/06358)  
[30] US (08/694,418) 1996-08-12

[21] **2,263,121**  
[13] A1

[51] **Int.Cl. 6A61F 13/56**  
[25] EN  
[54] **LOW MOTION ZONE SECUREMENT FOR ABSORBENT ARTICLES**  
[54] **FIXATION D'UNE ZONE A FAIBLE MOUVEMENT D'UN ARTICLE ABSORBANT**  
[72] ADKINS, Heather Leah, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-02-11  
[86] 1997-07-28 (PCT/US97/13471)  
[87] 1998-02-19 (WO98/06367)  
[30] US (08/698,527) 1996-08-15  
[30] US (08/872,494) 1997-06-10

[21] **2,263,124**  
[13] A1

[51] **Int.Cl. 6A61F 2/16**  
[25] EN  
[54] **INTRAOCULAR LENS**  
[54] **CRISTALLIN ARTIFICIEL**  
[72] NIGAM, Alok, US  
[71] BAUSCH & LOMB SURGICAL, INC., US  
[85] 1999-02-08  
[86] 1998-06-12 (PCT/US98/12259)  
[87] 1998-12-17 (WO98/56315)  
[30] US (08/874,753) 1997-06-13

[21] **2,263,125**  
[13] A1

[51] **Int.Cl. 6A61B 6/00 6A61K 49/00**  
[25] EN  
[54] **METHOD FOR DETECTING CANCER ON SKIN OF HUMANS AND MAMMALS AND ARRANGEMENT FOR PERFORMING THE METHOD**  
[54] **TECHNIQUE DE DETECTION DU CANCER DE LA PEAU CHEZ LES HUMAINS ET LES MAMMIFERES ET DISPOSITIF METTANT EN OEUVRE CETTE TECHNIQUE**  
[72] ROSÉN, Arne, SE  
[72] LARKO, Olle, SE  
[72] WENNBERG, Ann-Marie, SE  
[72] GUDMUNDSSON, Fredrik, SE  
[72] JOHANSSON, Leif, SE  
[71] MEDEIKONOS AB, SE  
[85] 1999-02-11  
[86] 1997-08-11 (PCT/SE97/01336)  
[87] 1998-03-05 (WO98/09155)  
[30] SE (9603095-2) 1996-08-27

[21] **2,263,126**  
[13] A1

[51] **Int.Cl. 6A61M 16/06 6A61B 5/087**  
[25] EN  
[54] **DETERMINATION OF LEAK AND RESPIRATORY AIRFLOW**  
[54] **DETERMINATION D'UN FLUX D'AIR DE FUITE ET D'UN FLUX D'AIR RESPIRATOIRE**  
[72] BERTHON-JONES, Michael, AU  
[71] RESMED LIMITED, AU  
[85] 1999-02-11  
[86] 1997-08-14 (PCT/AU97/00517)  
[87] 1998-02-19 (WO98/06449)  
[30] AU (PO 1638) 1996-08-14

[21] **2,263,130**  
[13] A1

[51] **Int.Cl. 6B01L 3/00 6C12M 1/12 6C12M 1/34**  
[25] EN  
[54] **DIAGNOSTIC TEST CONTAINER**  
[54] **RECIPIENT POUR TEST DIAGNOSTIC**  
[72] MONRO, Philip Peter, GB  
[71] HAMPSHIRE ADVISORY AND TECHNICAL SERVICES LIMITED, GB  
[85] 1999-02-08  
[86] 1996-08-12 (PCT/GB96/01953)  
[87] 1998-02-19 (WO98/06496)

[21] **2,263,132**  
[13] A1

[51] **Int.Cl. 6C11D 3/50 6C11D 1/44**  
[25] EN  
[54] **LAUNDRY DETERGENT COMPOSITIONS COMPRISING .BETA.-KETOESTER PRO-FRAGRANCES**  
[54] **COMPOSITIONS DE DETERGENTS A LESSIVE CONTENANT DES PRECURSEURS DE PARFUM .BETA.-CETOESTERS**  
[72] SEVERNS, John Cort, US  
[72] SIVIK, Mark Robert, US  
[72] MORELLI, Joseph Paul, US  
[72] COSTA, Jill Bonham, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-02-11  
[86] 1997-08-19 (PCT/US97/14616)  
[87] 1998-02-26 (WO98/07813)  
[30] US (60/024,117) 1996-08-19

[21] **2,263,135**  
[13] A1

[51] **Int.Cl. 6D01F 2/00 6C08L 1/02 6C08J 5/18**  
[25] EN  
[54] **MANUFACTURE OF EXTRUDED ARTICLES**  
[54] **FABRICATION D'ARTICLES EXTRUDES**  
[72] DOVEY, Thomas, GB  
[72] NEWBURY, John Paul, GB  
[71] AKZO NOBEL UK LIMITED, GB  
[85] 1999-02-11  
[86] 1997-08-12 (PCT/GB97/02173)  
[87] 1998-02-19 (WO98/06886)  
[30] GB (9617043.6) 1996-08-14

[21] **2,263,138**  
[13] A1

[51] **Int.Cl. 6G01R 33/12 6G01R 33/16**  
[25] EN  
[54] **METHOD OF AND APPARATUS FOR TORQUE MAGNETOMETRY**  
[54] **PROCEDE ET APPAREIL POUR MAGNETOMETRIE DE COUPLE**  
[72] HOON, Stephen Robert, GB  
[72] FARLEY, Andrew Neil, GB  
[71] THE MANCHESTER METROPOLITAN UNIVERSITY, GB  
[85] 1999-02-11  
[86] 1997-08-11 (PCT/GB97/02143)  
[87] 1998-02-19 (WO98/07043)  
[30] GB (9616892.7) 1996-08-12  
[30] GB (9626970.9) 1996-12-27

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[21] **2,263,142**  
[13] A1

[51] **Int.Cl. 6H01H 61/01**  
[25] EN  
[54] **ADAPTIVE APPLIANCE CONTROL MODULE INCLUDING SWITCHING RELAY**  
[54] **MODULE DE COMMANDE D'APPAREILS ADAPTATIFS COMPRENANT UN RELAIS DE COMMUTATION**  
[72] SKEKLOFF, Jon, US  
[72] MARTIN, David, US  
[72] SIMS, Michael, US  
[72] SWANSON, James, US  
[72] BARNES, Gregory, US  
[72] RAY, Douglas, US  
[71] ROBERTSHAW CONTROLS COMPANY, US  
[85] 1999-02-11  
[86] 1998-06-12 (PCT/US98/11595)  
[87] 1998-12-17 (WO98/57343)  
[30] US (60/049,445) 1997-06-12

[21] **2,263,145**  
[13] A1

[51] **Int.Cl. 6B65D 41/08 6B65D 53/02**  
[25] EN  
[54] **REMOVABLE SEALING CLOSURE WITH CLOSURE ATTACHMENT MEANS**  
[54] **ELEMENT D'OBTURATION AMOVIBLE AVEC MOYEN DE FIXATION**  
[72] McCROSSEN, Peter Charles, AU  
[71] RADLEY VALLEY PTY. LIMITED, AU  
[85] 1999-02-11  
[86] 1997-08-08 (PCT/AU97/00504)  
[87] 1998-02-19 (WO98/06636)  
[30] AU (PO 1560) 1996-08-12  
[30] AU (PO 2566) 1996-09-25  
[30] AU (PO 3288) 1996-10-28

[21] **2,263,150**  
[13] A1

[51] **Int.Cl. 6H01J 1/62**  
[25] EN  
[54] **NON-POLYMERIC FLEXIBLE ORGANIC LIGHT EMITTING DEVICE**  
[54] **DISPOSITIF ELECTROLUMINESCENT ORGANIQUE SOUPLE NON POLYMERE**  
[72] FORREST, Stephen R., US  
[72] BURROWS, Paul, US  
[72] GU, Gong, US  
[71] THE TRUSTEES OF PRINCETON UNIVERSITY, US  
[85] 1999-02-11  
[86] 1997-07-30 (PCT/US97/13451)  
[87] 1998-02-19 (WO98/07173)  
[30] US (60/024,001) 1996-08-12  
[30] US (08/789,319) 1997-01-23

[21] **2,263,151**  
[13] A1

[51] **Int.Cl. 6H04N 7/18 6G02B 21/36**  
[25] EN  
[54] **PICTURE-TRANSMITTING REMOTE OBJECT INSPECTION SYSTEM**  
[54] **SYSTEME DE TELEANALYSE D'OBJETS TRANSMETTANT DES IMAGES**  
[72] SCHWARZMANN, Peter, DE  
[72] BINDER, Bernd, DE  
[72] SCHMID, Joachim, DE  
[71] DEUTSCHE TELEKOM AG, DE  
[85] 1999-02-11  
[86] 1997-08-16 (PCT/EP97/04473)  
[87] 1998-02-26 (WO98/08342)  
[30] DE (196 33 997.9) 1996-08-23

[21] **2,263,155**  
[13] A1

[51] **Int.Cl. 6B08B 3/02**  
[25] EN  
[54] **TRAVELLING HIGH-PRESSURE CLEANING DEVICE**  
[54] **NETTOYEUR HAUTE PRESSION MOBILE**  
[72] GERICH, Josef, DE  
[72] KOMP, Helmut, DE  
[71] ALFRED KÄRCHER GMBH & CO., DE  
[85] 1999-02-11  
[86] 1997-07-03 (PCT/EP97/03506)  
[87] 1998-03-05 (WO98/08623)  
[30] DE (196 35 337.8) 1996-08-31

[21] **2,263,157**  
[13] A1

[51] **Int.Cl. 6H01R 13/46 6H05K 5/00 6G06F 1/16**  
[25] EN  
[54] **ENCLOSING A SMALL-FORMAT ELECTRICAL DEVICE**  
[54] **CARTER POUR DISPOSITIF ELECTRIQUE DE PETIT FORMAT**  
[72] CENTOFANTE, Charles A., US  
[71] GREAT AMERICAN GUMBALL CORPORATION, US  
[85] 1999-02-11  
[86] 1997-08-08 (PCT/US97/14049)  
[87] 1998-02-19 (WO98/07215)  
[30] US (60/024,002) 1996-08-12  
[30] US (08/722,859) 1996-09-26

[21] **2,263,159**  
[13] A1

[51] **Int.Cl. 6G03G 15/22 6G03G 13/06 6G03G 15/06 6G03G 13/22**  
[25] EN  
[54] **ELECTROGRAPHIC PRINTING**  
[54] **IMPRESSION ELECTROGRAPHIQUE**  
[72] LEWICKI, Walter J., Jr., US  
[72] BOWERS, John H., US  
[71] ARMSTRONG WORLD INDUSTRIES, INC., US  
[85] 1999-02-08  
[86] 1996-08-12 (PCT/IB96/00892)  
[87] 1998-02-19 (WO98/07074)

[21] **2,263,160**  
[13] A1

[51] **Int.Cl. 6G06F 17/60 6A61G 12/00 6H04M 3/42**  
[25] EN  
[54] **PATIENT MONITORING SYSTEM INCLUDING SPEECH RECOGNITION CAPABILITY**  
[54] **SYSTEME DE CONTROLE DE PATIENTS AYANT UNE CAPACITE DE RECONNAISSANCE VOCALE**  
[72] COHEN, Kopel H., US  
[71] COHEN, Kopel H., US  
[85] 1999-02-11  
[86] 1997-08-07 (PCT/US97/14002)  
[87] 1998-02-19 (WO98/07142)  
[30] US (08/695,466) 1996-08-12

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[21] **2,263,168**  
[13] A1

[51] **Int.Cl. 6D21F 7/08 6D03D 15/00**  
[25] EN  
[54] **PAPERMAKING BELT HAVING BILATERALLY ALTERNATING TIE YARNS**  
[54] **BANDE POUR LA FABRICATION DU PAPIER MUNIE DE FILS DE LIAISON ALTERNANTS BILATERALE-MENT**  
[72] BOUTILIER, Glenn David, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-02-11  
[86] 1997-07-30 (PCT/US97/14349)  
[87] 1998-02-19 (WO98/06895)  
[30] US (08/696,712) 1996-08-14

[21] **2,263,170**  
[13] A1

[51] **Int.Cl. 6G06F 9/44**  
[25] EN  
[54] **PERSISTENT HEAP FOR DYNAMIC PICTURE OBJECTS**  
[54] **SEGMENT DE MEMOIRE PERMANENT POUR OBJETS-IMAGES DYNAMIQUES**  
[72] MOORE, Donald W., US  
[72] JOHNSEN, David G., US  
[72] DOTY, Douglas E., US  
[71] HONEYWELL INC., US  
[85] 1999-02-11  
[86] 1997-08-28 (PCT/US97/15168)  
[87] 1998-03-12 (WO98/10346)  
[30] US (08/697,919) 1996-09-03

[21] **2,263,173**  
[13] A1

[51] **Int.Cl. 6C22C 29/14 6C22C 32/00**  
[25] EN  
[54] **HARD SINTERED ALLOY**  
[54] **ALLIAGE FRITTE DUR**  
[72] NAKANO, Kazunori, JP  
[72] TAKAGI, Ken-ichi, JP  
[72] YAMAZAKI, Yuji, JP  
[71] TOYO KOHAN CO., LTD., JP  
[85] 1999-02-08  
[86] 1997-08-05 (PCT/JP97/02722)  
[87] 1998-02-12 (WO98/05802)  
[30] JP (8/221825) 1996-08-06

[21] **2,263,174**  
[13] A1

[51] **Int.Cl. 6F16K 31/08 6G01F 15/00 6F16K 15/04**  
[25] EN  
[54] **VALVE MECHANISM**  
[54] **MECANISME DE SOUPEPE**  
[72] PAZ, Ilan, IL  
[71] S.F.M. SOPHISTICATED WATER METERS LTD., IL  
[85] 1999-02-12  
[86] 1998-06-12 (PCT/IL98/00272)  
[87] 1998-12-17 (WO98/57082)  
[30] IL (121061) 1997-06-12

[21] **2,263,177**  
[13] A1

[51] **Int.Cl. 6H04R 1/22 6H04R 9/06**  
[25] EN  
[54] **HIGH BACK EMF, HIGH PRESSURE SUBWOOFER**  
[54] **SUBWOOFER HAUTE PRESSION A FORCE CONTRE-ELECTROMOTRICE ELEVEE**  
[72] CARVER, Robert W., US  
[71] CARVER, Robert W., US  
[85] 1999-02-11  
[86] 1997-08-12 (PCT/US97/14166)  
[87] 1998-02-19 (WO98/07294)  
[30] US (60/023,784) 1996-08-12

[21] **2,263,179**  
[13] A1

[51] **Int.Cl. 6G02B 26/08**  
[25] EN  
[54] **HYBRID OPTICAL MULTI-AXIS BEAM STEERING APPARATUS**  
[54] **APPAREILLAGE HYBRIDE DE COMMANDE D'ORIENTATION DE FAISCEAU OPTIQUE A PLUSIEURS DEGRES DE LIBERTE**  
[72] MAYNARD, Ronald S., US  
[71] MAYNARD, Ronald S., US  
[85] 1999-02-11  
[86] 1997-08-12 (PCT/US97/11557)  
[87] 1998-02-19 (WO98/07060)  
[30] US (08/695,717) 1996-08-12

[21] **2,263,182**  
[13] A1

[51] **Int.Cl. 6F16K 15/04 6F16K 1/14**  
[25] EN  
[54] **POSITIVELY CONTROLLED BALL VALVE**  
[54] **ROBINET A BILLE A COMMANDE DIRECTE**  
[72] NILSSON, Lennart, SE  
[71] LENKO, L. Nilsson, SE  
[85] 1999-02-12  
[86] 1997-06-11 (PCT/SE97/01023)  
[87] 1998-03-12 (WO98/10207)  
[30] SE (9603267-7) 1996-09-09

[21] **2,263,183**  
[13] A1

[51] **Int.Cl. 6D01F 2/00**  
[25] EN  
[54] **METHOD FOR PRODUCING CELLULOSE FIBRES**  
[54] **PROCEDE DE PRODUCTION DE FIBRES DE CELLULOSE**  
[72] MULLEDER, Eduard, AT  
[72] FEILMAIR, Wilhelm, AT  
[72] SCHREMPF, Christoph, AT  
[72] RUF, Hartmut, AT  
[71] LENZING AKTIENGESELLSCHAFT, AT  
[85] 1999-02-12  
[86] 1998-06-17 (PCT/AT98/00151)  
[87] 1998-12-23 (WO98/58103)  
[30] AT (A 1053/97) 1997-06-17

[21] **2,263,188**  
[13] A1

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **ATM COMMUNICATIONS SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE COMMUNICATION MTA**  
[72] MAUGER, Roy Harold, GB  
[72] BRUECKHEIMER, Simon Daniel, GB  
[71] NORTHERN TELECOM LIMITED, CA  
[85] 1999-02-12  
[86] 1997-10-17 (PCT/GB97/02880)  
[87] 1998-04-30 (WO98/18286)  
[30] GB (9621776.5) 1996-10-18



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[21] **2,263,190**  
[13] A1  
[51] **Int.Cl. 6B66F 13/00 6E21B 19/14**  
[25] EN  
[54] **POSITIONING DEVICE**  
[54] **DISPOSITIF DE POSITIONNEMENT**  
[72] SCHULZE-BECKINGHAUSEN, Joerg-Erich, DE  
[71] WEATHERFORD/LAMB, INC., US  
[85] 1999-02-12  
[86] 1997-08-15 (PCT/GB97/02247)  
[87] 1998-02-26 (WO98/07648)  
[30] GB (9617538.5) 1996-08-21

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[21] **2,263,193**  
[13] A1  
[51] **Int.Cl. 6E21B 19/16 6E21B 19/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONNECTING A FIRST TUBULAR TO A SECOND TUBULAR**  
[54] **PROCEDE ET APPAREIL POUR RACCORDER UN PREMIER ELEMENT TUBULAIRE A UN SECOND ELEMENT TUBULAIRE**  
[72] BEARB, Jean Donald, US  
[72] ALBRIGHT, Stephen Lee, US  
[71] WEATHERFORD/LAMB, INC., US  
[85] 1999-02-12  
[86] 1997-08-26 (PCT/GB97/02274)  
[87] 1998-02-26 (WO98/07954)  
[30] US (08/706,983) 1996-08-23

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[21] **2,263,206**  
[13] A1  
[51] **Int.Cl. 6C02F 1/62**  
[25] EN  
[54] **METHOD FOR REMOVING TOXIC SUBSTANCES IN WATER**  
[54] **PROCEDE PERMETTANT D'ELIMINER DES SUBSTANCES TOXIQUES DE L'EAU**  
[72] SANTINA, Peter F., US  
[71] SANTINA, Peter F., US  
[85] 1999-02-12  
[86] 1996-08-14 (PCT/US96/13315)  
[87] 1998-02-19 (WO98/06672)

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[21] **2,263,207**  
[13] A1  
[51] **Int.Cl. 6F16D 43/202**  
[25] EN  
[54] **TORQUE LIMITING COUPLING WITH SINGLE RE-ENGAGEMENT POSITION**  
[54] **ACCOUPEMENT LIMITEUR DE COUPLE A POSITION DE REENGAGEMENT UNIQUE**  
[72] BONDIOLI, Edi, IT  
[71] BONDIOLI, Edi, IT  
[85] 1999-02-12  
[86] 1997-07-28 (PCT/IT97/00190)  
[87] 1998-02-19 (WO98/06959)  
[30] IT (FI96A000199) 1996-08-14

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[21] **2,263,208**  
[13] A1  
[51] **Int.Cl. 6F16D 3/84 6F16P 1/02 6A01B 71/08**  
[25] EN  
[54] **CARDAN TRANSMISSION SHAFT, IN PARTICULAR OF TELESCOPIC TYPE, WITH PROTECTIVE SLEEVE AND PROTECTIVE BOOTS FOR THE END FORKS**  
[54] **ARBRE DE TRANSMISSION A LA CARDAN, PLUS PARTICULIEREMENT DU TYPE TELESCOPIQUE, DOTE D'UN MANCHON DE PROTECTION ET DE CAPOTS DE PROTECTION POUR LES FOURCHES D'EXTREMITE**  
[72] BONDIOLI, Edi, IT  
[71] BONDIOLI, Edi, IT  
[85] 1999-02-12  
[86] 1997-07-28 (PCT/IT97/00192)  
[87] 1998-02-19 (WO98/06956)  
[30] IT (FI96A000195) 1996-08-14

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[21] **2,263,209**  
[13] A1  
[51] **Int.Cl. 6F16D 3/84 6F16P 1/02 6A01B 71/08**  
[25] EN  
[54] **PROTECTIVE SECOND BOOT FOR CONNECTABLE COMPONENTS, FOR PREVENTING ACCIDENTS INVOLVING DRIVELINES INCORPORATING SHAFTS WITH UNIVERSAL JOINTS OR THE LIKE**  
[54] **SECOND CAPOT DE PROTECTION POUR COMPOSANTS POUVANT ETRE ACCOUPLES, CONCU POUR EMPECHER LES ACCIDENTS IMPLIQUANT LES CHAINES CINEMATIQUES DOTEES D'ARBRES A JOINTS UNIVERSELS OU SIMILAIRE**  
[72] BONDIOLI, Edi, IT  
[71] BONDIOLI, Edi, IT  
[85] 1999-02-12  
[86] 1997-07-28 (PCT/IT97/00189)  
[87] 1998-02-19 (WO98/06955)  
[30] IT (FI96A000198) 1996-08-14

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[21] **2,263,211**  
[13] A1  
[51] **Int.Cl. 6D21G 9/00 6B65H 43/00 6B65H 26/02 6B65H 37/02**  
[25] EN  
[54] **PROCESS FOR ELIMINATION OF PAPER DEFECTS IN CONTINUOUS PAPER PRODUCTION**  
[54] **PROCEDE POUR ELIMINER DES DEFAUTS DANS LE PAPIER LORS DE LA PRODUCTION DE PAPIER EN CONTINU**  
[72] BURKHART, Hubertus, DE  
[71] STORA PUBLICATION PAPER AKTIENGESELLSCHAFT, DE  
[85] 1999-02-12  
[86] 1997-07-18 (PCT/EP97/03859)  
[87] 1998-02-19 (WO98/06897)  
[30] DE (196 32 988.4) 1996-08-15

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[21] **2,263,215**  
[13] A1

[51] **Int.Cl. 6D21F 11/00 6D21F 7/08**  
[25] EN  
[54] **PROCESS FOR PRODUCING HIGH-BULK TISSUE WEBS USING NONWOVEN SUBSTRATES**  
[54] **PROCEDE DE FABRICATION DE VOILES DE TISSUS GONFLANTS AU MOYEN DE SUBSTRATS NON TISSES**  
[72] BURAZIN, Mark Alan, US  
[72] LINDSAY, Jeffrey Dean, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 1999-02-08  
[86] 1997-07-09 (PCT/US97/12547)  
[87] 1998-03-12 (WO98/10142)  
[30] US (08/709,427) 1996-09-06

[21] **2,263,221**  
[13] A1

[51] **Int.Cl. 6H03L 7/085 6H04N 5/04 6G09G 5/12**  
[25] EN  
[54] **PLL CIRCUIT FOR DIGITAL DISPLAY DEVICE**  
[54] **CIRCUIT AVEC BOUCLE A PHASE ASSERVIE POUR DISPOSITIF D'AFFICHAGE NUMERIQUE**  
[72] KONDOU, Satoru, JP  
[72] NISHIMURA, Eizo, JP  
[72] KURITA, Masanori, JP  
[71] FUJITSU GENERAL LIMITED, JP  
[85] 1999-02-10  
[86] 1996-11-20 (PCT/JP96/03395)  
[87] 1998-02-19 (WO98/07272)  
[30] JP (8/213393) 1996-08-13  
[30] JP (8/213394) 1996-08-13

[21] **2,263,222**  
[13] A1

[51] **Int.Cl. 6B65D 41/46 6B65D 51/18 6B65D 41/62**  
[25] EN  
[54] **TAMPER-EVIDENT OVERCAP**  
[54] **COUVERCLE COIFFANT INVIO-LABLE**  
[72] BECK, James M., US  
[71] CREATIVE PACKAGING CORPORATION, US  
[85] 1999-02-10  
[86] 1997-09-10 (PCT/US97/16023)  
[87] 1998-04-16 (WO98/15466)  
[30] US (08/726,511) 1996-10-07

[21] **2,263,226**  
[13] A1

[51] **Int.Cl. 6G01N 21/84 6G01N 33/483**  
[25] EN  
[54] **A DIGITAL IMAGING SYSTEM FOR ASSAYS IN WELL PLATES, GELS AND BLOTS**  
[54] **SYSTEME NUMERIQUE D'IMAGERIE POUR DES PLAQUES DE PUIITS, DES GELS ET TACHES**  
[72] SUN, Gang, CA  
[72] RAMM, Peter, CA  
[72] ORMSBY, Timothy, US  
[72] MUELLER, Rolf, US  
[72] CASTLE, Kenneth R., US  
[71] IMAGING RESEARCH, INC., CA  
[85] 1999-02-15  
[86] 1997-08-12 (PCT/US97/15269)  
[87] 1998-02-19 (WO98/07022)  
[30] US (60/024,043) 1996-08-16

[21] **2,263,230**  
[13] A1

[51] **Int.Cl. 6F16D 3/76**  
[25] EN  
[54] **FLEXIBLE COUPLING HAVING RE-ENTRANT CURVED COLUMNS FOR MAINTAINING HIGH TORSIONAL RIGIDITY DESPITE MISALIGNMENT**  
[54] **ACCOUPLLEMENT FLEXIBLE MUNI DE COLONNES COURBES RENTRANTES PERMETTANT DE MAINTENIR UNE GRANDE RIGIDITE EN TORSION MALGRE DES DEFAUTS D'ALIGNEMENT**  
[72] JEWELL, Hollis, US  
[71] JEWELL, Hollis, US  
[85] 1999-02-12  
[86] 1997-08-15 (PCT/US97/14432)  
[87] 1998-02-26 (WO98/07999)  
[30] US (60/024,026) 1996-08-16

[21] **2,263,233**  
[13] A1

[51] **Int.Cl. 6B03C 3/16 6B03C 3/016**  
[25] EN  
[54] **BARRIER DISCHARGE CONVERSION OF SO2 AND NOX TO ACIDS**  
[54] **CONVERSION DE SO2 ET NOX EN ACIDES AU MOYEN D'UNE DECHARGE PAR EFFET DE BARRIERE**  
[72] NEISTER, S. Edward, US  
[72] ALIX, Francis R., US  
[72] MCLARNON, Christopher R., US  
[71] ZERO EMISSIONS TECHNOLOGY INC., US  
[85] 1999-02-15  
[86] 1997-10-09 (PCT/US97/18263)  
[87] 1998-04-16 (WO98/15357)  
[30] US (60/027,905) 1996-10-09

[21] **2,263,240**  
[13] A1

[51] **Int.Cl. 6E21B 43/10 6E21B 19/22**  
[25] EN  
[54] **METHOD FOR CASING A WELLBORE**  
[54] **PROCEDE DE POSE DE TUBAGE DANS UN PUIITS DE FORAGE**  
[72] NOBILEAU, Philippe, FR  
[71] NOBILEAU, Philippe, FR  
[85] 1999-02-12  
[86] 1997-08-15 (PCT/IB97/00994)  
[87] 1998-02-26 (WO98/07957)  
[30] US (08/698,662) 1996-08-16

[21] **2,263,256**  
[13] A1

[51] **Int.Cl. 6G01F 11/26**  
[25] EN  
[54] **DEVICE AND METHOD FOR MEASURING A PARTICULATE SUBSTANCE AND APPARATUS COMPRISING A PLURALITY OF SUCH DEVICES**  
[54] **PROCEDE ET DISPOSITIF DE MESURE D'UNE SUBSTANCE PARTICULAIRE ET APPAREIL COMPOSE DE PLUSIEURS DE CES DISPOSITIFS**  
[72] OLSSON, Bert-Ake, SE  
[71] ASTRA AKTIEBOLAG, SE  
[85] 1999-02-10  
[86] 1997-08-14 (PCT/SE97/01347)  
[87] 1998-02-26 (WO98/08065)  
[30] SE (9603063-0) 1996-08-23

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,263,258</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01M 11/04</b> [25] EN [54] <b>ADAPTER SYSTEM FOR ENGINE FLUSHING APPARATUS</b> [54] <b>SYSTEME ADAPTATEUR POUR APPAREIL DE RINCAGE D'UN MO-TEUR</b> [72] SEFLOW, Seymour, US [72] RENWICK, Martin, US [72] GRIGORIAN, Victor A., US [71] ENVIROOLUTION, INC., US [85] 1999-02-12 [86] 1997-08-22 (PCT/US97/13702) [87] 1998-03-05 (WO98/09058) [30] US (08/703,051) 1996-08-26</p>	<p style="text-align: right;">[21] <b>2,263,264</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/16 6H04M 3/42 6H04M 3/50</b> [25] EN [54] <b>INTERNET-BASED TELEPHONE CALL MANAGER</b> [54] <b>GESTIONNAIRE D'APPEL TELE-PHONIQUE BASE SUR INTERNET</b> [72] MEUBUS, Charles, CA [72] JODOIN, Sylvain, CA [72] BERNARDI, Alan, CA [71] NORTHERN TELECOM LIMITED, CA [85] 1999-02-12 [86] 1997-08-14 (PCT/CA97/00570) [87] 1998-02-19 (WO98/07266) [30] US (60/023,903) 1996-08-14</p>	<p style="text-align: right;">[21] <b>2,263,278</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/32 6G08B 25/10 6H04Q 7/24 6H04Q 7/36 6H04M 3/42 6H04M 1/57</b> [25] EN [54] <b>EMERGENCY LOCATION SYS-TEM AND METHOD</b> [54] <b>SYSTEME ET PROCEDE DE RE-PERAGE DE DETRESSE</b> [72] HOLT, Brian P., US [72] STEWART, ARTHUR L., US [71] HARRIS CORPORATION, US [85] 1999-02-09 [86] 1997-08-12 (PCT/US97/13970) [87] 1998-02-19 (WO98/07269) [30] US (08/694,412) 1996-08-12</p>
<p style="text-align: right;">[21] <b>2,263,260</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 5/915</b> [25] EN [54] <b>METHOD AND APPARATUS FOR ELIMINATING TELEVISION COM-MERCIAL MESSAGES</b> [54] <b>PROCEDE ET APPAREIL PER-METTANT DE SUPPRIMER DES MES-SAGES PUBLICITAIRES A LA TELEVISION</b> [72] MCLAM, George, US [72] FIELDS, Kyle, US [72] IGGULDEN, Jerry, US [72] MCFARLAND, Alan, US [71] SRT, INC., US [85] 1999-02-12 [86] 1997-08-12 (PCT/US97/13962) [87] 1998-02-19 (WO98/07273) [30] US (08/695,794) 1996-08-13</p>	<p style="text-align: right;">[21] <b>2,263,275</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E02B 7/20</b> [25] EN [54] <b>METHOD FOR THE FABRICA-TION OF A DAM OR BARRIER</b> [54] <b>PROCEDE DE CONSTRUCTION D'UN BARRAGE OU D'UNE BARRIERE</b> [72] KULLBERG, Sten, SE [71] KULLBERG, Sten, SE [85] 1999-02-09 [86] 1996-08-09 (PCT/SE96/01002) [87] 1997-02-27 (WO97/07290) [30] SE (9502817-1) 1995-08-11</p>	<p style="text-align: right;">[21] <b>2,263,285</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E02D 29/02</b> [25] EN [54] <b>SOIL REINFORCEMENT</b> [54] <b>RENFORCEMENT DU SOL</b> [72] MARTIN, Christopher, GB [72] PRICE, Derrick Ian Peter, GB [71] MARTIN, Christopher, GB [71] PRICE, Derrick Ian Peter, GB [85] 1999-02-09 [86] 1997-08-08 (PCT/GB97/02136) [87] 1998-02-19 (WO98/06907) [30] GB (9616761.4) 1996-08-09 [30] GB (9626410.6) 1996-12-19</p>
<p style="text-align: right;">[21] <b>2,263,263</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47L 13/58 6A47L 13/258 6B25G 3/38</b> [25] EN [54] <b>MOP SQUEEZING</b> [54] <b>ESSORAGE DE BALAIS A LAVER</b> [72] BRENNAN, James William, AU [72] BREWER, Peter Russell, AU [72] CARLSON, Arthur Richard, AU [71] THE DECOR CORPORATION PTY LTD, AU [85] 1999-02-12 [86] 1997-08-13 (PCT/AU97/00510) [87] 1998-02-19 (WO98/06316) [30] AU (PO 1641) 1996-08-14 [30] AU (PO 5986) 1997-04-04</p>	<p style="text-align: right;">[21] <b>2,263,276</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 7/00</b> [25] EN [54] <b>METHOD FOR COMMUNICATING WITH A PORTABLE DATA MEDIUM</b> [54] <b>DISPOSITIF POUR COMMUNI-QUER AVEC UN SUPPORT DE DON-NEES PORTABLE</b> [72] BUCHHOLTZ, Jacques, FR [71] BULL CP8, FR [85] 1999-02-12 [86] 1998-06-12 (PCT/FR98/01229) [87] 1998-12-17 (WO98/57289) [30] FR (97/07320) 1997-06-13</p>	<p style="text-align: right;">[21] <b>2,263,289</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47K 1/09</b> [25] EN [54] <b>TOOTHBRUSH HOLDER</b> [54] <b>SUPPORT DE BROSSA A DENT</b> [72] POTSCHIES, Heinz, DE [71] POTSCHIES, Heinz, DE [85] 1999-02-09 [86] 1997-07-16 (PCT/EP97/03808) [87] 1998-02-19 (WO98/06312) [30] DE (196 32 359.2) 1996-08-10</p>

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[13] A1  
[51] **Int.Cl. 6H01J 9/22 6C03C 17/00 6B05D 1/00 6B05C 7/04 6B05D 7/22**  
[25] EN  
[54] **METHOD AND DEVICE FOR WASHING AND DRYING GLASS TUBES FOR LAMPS**  
[54] **PROCEDE ET DISPOSITIF POUR LAVER ET SECHER DES TUBES EN VERRE POUR LAMPES**  
[72] PETER, Arnold, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH, DE  
[85] 1999-02-09  
[86] 1998-05-13 (PCT/DE98/01330)  
[87] 1998-12-17 (WO98/57346)  
[30] DE (197 24 362.2) 1997-06-10

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[21] **2,263,294**  
[13] A1  
[51] **Int.Cl. 6F02M 27/00**  
[25] EN  
[54] **FUEL ACTIVATING SYSTEM**  
[54] **SYSTEME D'ACTIVATION DE CARBURANT**  
[72] HWANG, Ho Jong, KR  
[71] HWANG, Ho Jong, KR  
[85] 1999-02-12  
[86] 1998-06-12 (PCT/KR98/00157)  
[87] 1998-12-17 (WO98/57057)  
[30] KR (1997/14236) 1997-06-13

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[21] **2,263,295**  
[13] A1  
[51] **Int.Cl. 6E04F 11/16**  
[25] EN  
[54] **STAIR STEP NOSING**  
[54] **NEZ-DE-MARCHE POUR MARCHE D'ESCALIER**  
[72] TIMOFEEV, Mikhail Mikhailovich, RU  
[71] DAVIDOV, David Yakhyaevich, RU  
[85] 1999-02-12  
[86] 1998-06-15 (PCT/RU98/00192)  
[87] 1998-12-23 (WO98/58141)  
[30] RU (97110010) 1997-06-16

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[21] **2,263,296**  
[13] A1  
[51] **Int.Cl. 6H02M 7/539 6H02M 7/525**  
[25] EN  
[54] **INVERTER FOR INPUTTING SINUSOIDAL CURRENTS INTO AN ALTERNATING CURRENT NETWORK**  
[54] **ONDULEUR POUR L'INJECTION DE COURANTS SINUSOIDAUX DANS UN RESEAU ALTERNATIF**  
[72] WOBLEN, Aloys, DE  
[71] WOBLEN, Aloys, DE  
[85] 1999-02-12  
[86] 1998-06-06 (PCT/EP98/03401)  
[87] 1998-12-23 (WO98/58441)  
[30] DE (197 25 629.5) 1997-06-17

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[21] **2,263,299**  
[13] A1  
[51] **Int.Cl. 6E21D 9/10**  
[25] EN  
[54] **TUNNELLING PROCESS AND DEVICE**  
[54] **PROCEDE ET SYSTEME POUR LA CONSTRUCTION DE TUNNELS**  
[72] JUNIOR, Johannes, DE  
[72] HAGEDORN, Thimo, DE  
[72] JUNIOR, Volker, DE  
[71] TACHUS GMBH, DE  
[85] 1999-02-12  
[86] 1997-08-14 (PCT/EP97/04418)  
[87] 1998-02-26 (WO98/07961)  
[30] DE (196 33 056.4) 1996-08-16  
[30] DE (196 50 330.2) 1996-12-04

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[21] **2,263,303**  
[13] A1  
[51] **Int.Cl. 6B65D 47/28**  
[25] EN  
[54] **CAP FOR BEVERAGE CONTAINER**  
[54] **CAPSULE POUR CONTENEUR DE BOISSONS**  
[72] KOWA, Yasuhiro, JP  
[72] KUWANA, Takeshi, JP  
[72] HATSUMOTO, Kunio, JP  
[71] NIPPON SANSO CORPORATION, JP  
[85] 1999-02-09  
[86] 1998-06-05 (PCT/JP98/02496)  
[87] 1998-12-17 (WO98/56677)  
[30] JP (9/153472) 1997-06-11

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[21] **2,263,304**  
[13] A1  
[51] **Int.Cl. 6H01L 41/04**  
[25] EN  
[54] **PROCESS AND DEVICE FOR DRIVING A CAPACITIVE ACTUATOR**  
[54] **DISPOSITIF PROCEDE POUR LA COMMANDE D'UN ACTIONNEUR CAPACITIF**  
[72] PIRKL, Richard, DE  
[72] FREUDENBERG, Hellmut, DE  
[72] BRASSEUR, Georg, AT  
[72] HOFFMANN, Christian, DE  
[72] GERKEN, Hartmut, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 1999-02-12  
[86] 1997-08-05 (PCT/DE97/01646)  
[87] 1998-02-19 (WO98/07199)  
[30] DE (196 32 872.1) 1996-08-14

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[21] **2,263,305**  
[13] A1  
[51] **Int.Cl. 6B24D 3/06**  
[25] EN  
[54] **REMOVABLE BOND FOR ABRASIVE TOOL**  
[54] **PLACAGE ENLEVABLE DESTINE A DES OUTILS ABRASIFS**  
[72] EAGAR, Thomas W., US  
[72] SHIUE, Ren-Kae, TW  
[72] BULJAN, Sergej-Tomislav, US  
[72] MILLER, Bradley J., US  
[71] NORTON COMPANY, US  
[85] 1999-02-10  
[86] 1997-08-27 (PCT/US97/14964)  
[87] 1998-03-05 (WO98/08654)  
[30] US (08/704,190) 1996-08-28

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[21] **2,263,306**  
[13] A1  
[51] **Int.Cl. 6E05F 15/14**  
[25] EN  
[54] **SUPPORT FOR LIFT DOOR DRIVE**  
[54] **SUPPORT POUR MECANISME D'ACTIONNEMENT DE PORTES D'ASCENSEURS**  
[72] MOLLENAUER, Frank, DE  
[72] GRAEBNER, Bodo, CH  
[71] INVENTIO AG, CH  
[85] 1999-02-09  
[86] 1997-08-04 (PCT/CH97/00291)  
[87] 1998-02-19 (WO98/06920)  
[30] EP (96810537.9) 1996-08-13

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<p style="text-align: right;">[21] <b>2,263,314</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F41G 5/08</b> [25] EN [54] <b>METHOD FOR OPERATING A FIRE-CONTROL SYSTEM</b> [54] <b>PROCEDE POUR ASSURER LE FONCTIONNEMENT D'UN SYSTEME DE CONDUITE DE TIR</b> [72] BROUWER, Jan Klaas, NL [71] HOLLANDSE SIGNAALAPPARATEN B.V., NL [85] 1999-02-10 [86] 1997-08-20 (PCT/EP97/04754) [87] 1998-03-05 (WO98/09131) [30] NL (1003873) 1996-08-26</p>	<p style="text-align: right;">[21] <b>2,263,330</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B62D 15/00</b> [25] EN [54] <b>CHILDREN'S VEHICLE WITH AUXILIARY CONTROL MECHANISM</b> [54] <b>VEHICULE POUR ENFANT MUNI D'UN DISPOSITIF DE COMMANDE AUXILIAIRE</b> [72] BARRETT, Robert C., US [71] MATTEL, INC., US [85] 1999-02-10 [86] 1997-08-14 (PCT/US97/14424) [87] 1998-02-19 (WO98/06617) [30] US (08/696,498) 1996-08-14</p>	<p style="text-align: right;">[21] <b>2,263,339</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C30B 29/36</b> [25] EN [54] <b>SINGLE CRYSTAL SIC AND PROCESS FOR PREPARING THE SAME</b> [54] <b>SIC MONOCRISTALLIN ET PROCEDE DE PREPARATION ASSOCIE</b> [72] TANINO, Kichiya, JP [71] NIPPON PILLAR PACKING CO., LTD., JP [85] 1999-02-10 [86] 1998-06-23 (PCT/JP98/02798) [87] 1999-01-07 (WO99/00538) [30] JP (9-172017) 1997-06-27 [30] JP (9-215414) 1997-07-04</p>
<p style="text-align: right;">[21] <b>2,263,321</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01B 21/08 6B60C 25/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR MEASURING THE THICKNESS OF RUBBER OVER A METAL REINFORCED LAYER</b> [54] <b>PROCEDE ET APPAREIL DE MESURE DE L'EPAISSEUR DE CAOUTCHOUC SUR UNE COUCHE A RENFORT METALLIQUE</b> [72] PARRISH, Gary Charles, US [71] THE GOODYEAR TIRE &amp; RUBBER COMPANY, US [85] 1999-02-08 [86] 1996-09-05 (PCT/US96/14245) [87] 1998-03-12 (WO98/10240)</p>	<p style="text-align: right;">[21] <b>2,263,332</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01B 3/04 6F02B 57/00 6F02B 75/26</b> [25] EN [54] <b>IMPROVEMENTS IN AXIAL PISTON ROTARY ENGINES</b> [54] <b>AMELIORATIONS POUR MOTEURS ROTATIFS A PISTON AXIAL</b> [72] MANTHEY, Steven Charles, AU [71] ADVANCED ENGINE TECHNOLOGY PTY. LTD., AU [85] 1999-02-08 [86] 1997-08-11 (PCT/AU97/00506) [87] 1998-02-19 (WO98/06932) [30] AU (PO 1573) 1996-08-09</p>	<p style="text-align: right;">[21] <b>2,263,345</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47K 3/16</b> [25] EN [54] <b>APRON ASSEMBLY FOR A BATHING FIXTURE</b> [54] <b>ENSEMBLE ALLEGE POUR EQUIPEMENT DE SALLE DE BAIN</b> [72] SWART, Peter W., US [72] KNAPP, Scott R., US [71] KOHLER CO., US [85] 1999-02-12 [86] 1997-08-12 (PCT/US97/13984) [87] 1998-02-19 (WO98/06314) [30] US (08/700,715) 1996-08-13</p>
<p style="text-align: right;">[21] <b>2,263,324</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16K 7/02 6G01N 1/00 6G01N 35/10</b> [25] EN [54] <b>CAPILLARY MICROVALVE</b> [54] <b>MICROVALVE CAPILLAIRE</b> [72] MIAN, Alec, US [72] KELLOGG, Gregory, US [72] KIEFFER-HIGGINS, Stephen G., US [71] GAMERA BIOSCIENCE CORPORATION, US [85] 1999-02-12 [86] 1997-08-12 (PCT/US97/11555) [87] 1998-02-19 (WO98/07019) [30] US (60/023,756) 1996-08-12 [30] US (08/761,063) 1996-12-05</p>	<p style="text-align: right;">[21] <b>2,263,337</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23G 3/30 6A23J 3/00 6G01N 33/68</b> [25] EN [54] <b>PROCESS FOR THE FORMATION OF PLASTICIZED PROTEINACEOUS MATERIALS, AND COMPOSITIONS CONTAINING THE SAME</b> [54] <b>PROCEDE POUR LA FORMATION DE MATERIAUX PROTEINIQUES PLASTIFIES, ET COMPOSITIONS CONTENANT CES MATERIAUX</b> [72] VISHWANATHAN, Arun, US [72] DAVE', Vipul Bhupendra, US [72] ABDEL-MALIK, Magdy Malak, US [72] D'OTTAVIO, Nick Steve, US [71] WARNER-LAMBERT COMPANY, US [85] 1999-02-10 [86] 1997-10-06 (PCT/US97/17959) [87] 1998-04-16 (WO98/15189) [30] US (60/027,509) 1996-10-07</p>	<p style="text-align: right;">[21] <b>2,263,347</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01B 7/06 6G01B 21/08 6C23C 2/34</b> [25] FR [54] <b>PROCEDE ET DISPOSITIF DE MESURE EN CONTINU D'EPAISSEUR DE REVETEMENT ISOLANT</b> [54] <b>METHOD AND DEVICE FOR MEASURING THE THICKNESS OF AN INSULATING COATING</b> [72] BONNEBAT, Claude, FR [72] BRANCI, Samy, FR [71] SOLLAC, FR [85] 1999-02-09 [86] 1997-08-06 (PCT/FR97/01457) [87] 1998-02-19 (WO98/06999) [30] FR (96/10104) 1996-08-12</p>

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[21] **2,263,349**  
[13] A1  
[51] **Int.Cl. 6A47B 21/03**  
[25] EN  
[54] **WRIST REST ASSEMBLY**  
[54] **ENSEMBLE APPUI-POIGNETS**  
[72] BAYER, Glen H., US  
[72] BETTENHAUSEN, Larry A., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1999-02-10  
[86] 1997-01-02 (PCT/US97/00190)  
[87] 1998-03-05 (WO98/08420)  
[30] US (08/704,332) 1996-08-28

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[21] **2,263,351**  
[13] A1  
[51] **Int.Cl. 6G11B 7/24**  
[25] EN  
[54] **COATED OPTICAL DISKS**  
[54] **DISQUES OPTIQUES REVETUS**  
[72] MYERS, Timothy E., US  
[71] BORDEN CHEMICAL, INC., US  
[85] 1999-02-12  
[86] 1998-06-09 (PCT/US98/12153)  
[87] 1998-12-23 (WO98/58373)  
[30] US (60/050,231) 1997-06-19

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[21] **2,263,352**  
[13] A1  
[51] **Int.Cl. 6C30B 29/36**  
[25] EN  
[54] **SINGLE CRYSTAL SIC AND PROCESS FOR PREPARING THE SAME**  
[54] **MONOCRISTAL SIC ET SON PROCEDE DE PREPARATION**  
[72] TANINO, Kichiya, JP  
[71] NIPPON PILLAR PACKING CO., LTD., JP  
[85] 1999-02-10  
[86] 1998-06-23 (PCT/JP98/02797)  
[87] 1998-12-30 (WO98/59099)  
[30] JP (9-207039) 1997-06-25

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[21] **2,263,354**  
[13] A1  
[51] **Int.Cl. 6A63H 30/04**  
[25] EN  
[54] **SYSTEM FOR, AND METHOD OF, SELECTIVELY PROVIDING THE OPERATION OF TOY VEHICLES**  
[54] **SYSTEME ET PROCEDE DE COMMANDE SELECTIVE DE VEHICULES JOUETS**  
[72] EICHEN, Paul, US  
[72] DeANGELIS, Peter C., US  
[72] BARTON, William H., Jr., US  
[71] ROKENBOK TOY COMPANY, US  
[85] 1999-02-10  
[86] 1997-08-07 (PCT/US97/13913)  
[87] 1998-02-19 (WO98/06472)  
[30] US (08/696,263) 1996-08-13  
[30] US (08/763,678) 1996-12-11

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[21] **2,263,355**  
[13] A1  
[51] **Int.Cl. 6A01K 15/02 6H05C 3/00 6A01K 3/00**  
[25] FR  
[54] **DISPOSITIF D'INTERDICTION DE FRANCHISSEMENT D'UNE LIMITE DE ZONE PAR UN ANIMAL**  
[54] **DEVICE FOR PROHIBITING THE CROSSING OF A ZONE BOUNDARY BY AN ANIMAL**  
[72] AUBRY, Xavier, FR  
[72] ANDRE, Max, FR  
[71] DYNAVET S.A.R.L., FR  
[85] 1999-02-10  
[86] 1997-09-03 (PCT/FR97/01550)  
[87] 1998-03-12 (WO98/09508)  
[30] FR (96/10870) 1996-09-03

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[21] **2,263,356**  
[13] A1  
[51] **Int.Cl. 6G06F 3/00 6H04L 9/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR VIEWING ELECTRONIC READING MATERIALS**  
[54] **PROCEDE ET DISPOSITIF DE VISIONNAGE DE DOCUMENTS ELECTRONIQUES**  
[72] SACHS, James, US  
[72] POMEROY, Thomas W., US  
[71] SOFTBOOK PRESS, INC., US  
[85] 1999-02-12  
[86] 1997-08-08 (PCT/US97/14121)  
[87] 1998-02-26 (WO98/08344)  
[30] US (08/693,678) 1996-08-13

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[21] **2,263,357**  
[13] A1  
[51] **Int.Cl. 6H01G 4/12 6H01L 21/3205**  
[25] EN  
[54] **SEMICONDUCTOR SUPERCAPACITOR SYSTEM, METHOD FOR MAKING SAME AND ARTICLES PRODUCED THEREFROM**  
[54] **SYSTEME DE SUPERCONDENSATEURS SEMI-CONDUCTEURS, LEUR PROCEDE DE FABRICATION, ET ARTICLES EN ETANT FAITS**  
[72] RUDA, Harry Eugen, CA  
[72] FARRELL, Mark, CA  
[72] MASAKI, Yuichi, CA  
[71] ENERGENIUS, INC., CA  
[85] 1999-02-12  
[86] 1997-08-11 (PCT/IB97/00985)  
[87] 1998-02-19 (WO98/07167)  
[30] US (60/023,837) 1996-08-12

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[21] **2,263,358**  
[13] A1  
[51] **Int.Cl. 6H03H 9/02**  
[25] FR  
[54] **COMPOSANT A ONDES ACOUSTIQUES DE SURFACE AVEC SUPPRESSION DE PERTURBATION PYROELECTRIQUE**  
[54] **COMPONENT WITH SURFACE ACOUSTIC WAVES ELIMINATING PYROELECTRIC INTERFACE**  
[72] FRIQUET, Olivier, FR  
[72] CALISTI, Serge, FR  
[72] DESBOIS, Jean, FR  
[72] DUFILIE, Pierre, FR  
[71] THOMSON-CSF, FR  
[85] 1999-02-08  
[86] 1998-06-05 (PCT/FR98/01155)  
[87] 1998-12-17 (WO98/57426)  
[30] FR (97/07183) 1997-06-10

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[21] **2,263,359**  
[13] A1

[51] **Int.Cl. 6B02B 1/04**  
[25] EN  
[54] **TREATMENTS TO REDUCE MOIS-  
TURE IN THE DEWATERING OF  
GRAIN-BASED CELLULOSIC MATE-  
RIALS**  
[54] **TRAITEMENTS POUR REDUIRE  
L'HUMIDITE AU COURS DU PROCES-  
SUS D'ASSECHEMENT DE  
SUBSTANCES CELLULOSIQUES A  
BASE DE GRAINS**  
[72] PALARDY, William J., US  
[71] BETZDEARBORN INC., US  
[85] 1999-02-10  
[86] 1997-08-18 (PCT/US97/14494)  
[87] 1998-04-23 (WO98/16123)  
[30] US (08/734,428) 1996-10-16

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[13] A1

[51] **Int.Cl. 6G06K 9/20**  
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[54] **FINGERPRINT IMAGING APPA-  
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[54] **APPAREIL D'IMAGERIE D'EM-  
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[71] DEW ENGINEERING AND DEVEL-  
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[86] 1997-07-29 (PCT/CA97/00538)  
[87] 1998-02-26 (WO98/08184)  
[30] US (08/698,645) 1996-08-16

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[13] A1

[51] **Int.Cl. 6A21D 13/08**  
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[54] **COMPOSITION ET PROCEDE  
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AUTRES PRODUITS ALIMENTAIRES**  
[54] **COMPOSITION AND METHOD  
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[72] GROLLET, Jean, FR  
[71] GROLLET, Jean, FR  
[85] 1999-02-09  
[86] 1997-08-12 (PCT/FR97/01485)  
[87] 1998-02-19 (WO98/06270)  
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[13] A1

[51] **Int.Cl. 6G10H 7/02 6G10H 1/36**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF POUR  
L'ENREGISTREMENT EN BOUCLES  
CYCLIQUES DE PLUSIEURS SE-  
QUENCES PHONIQUES**  
[54] **METHOD AND DEVICE FOR RE-  
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[72] PERILLE, Emmanuel, FR  
[71] PERILLE, Emmanuel, FR  
[85] 1999-02-10  
[86] 1997-08-11 (PCT/FR97/01477)  
[87] 1998-02-19 (WO98/07140)  
[30] FR (96/10109) 1996-08-12

[21] **2,263,369**  
[13] A1

[51] **Int.Cl. 6B25B 13/08**  
[25] FR  
[54] **CLE PLATE A COMMANDE DE  
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NUELLE**  
[54] **OPEN END WRENCH WITH MA-  
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CONTROL**  
[72] LEMAITRE, Bernard, FR  
[72] SIMPLET, Serge, FR  
[71] LEMAITRE, Bernard, FR  
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[85] 1999-02-11  
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[30] FR (96/10193) 1996-08-12

[21] **2,263,371**  
[13] A1

[51] **Int.Cl. 6B65D 33/25**  
[25] FR  
[54] **SACHET COMPRENANT UN DIS-  
POSITIF DE FERMETURE FORME DE  
PROFILES COMPLEMENTAIRES ET  
DISPOSITIF DE FERMETURE A CET  
EFFET**  
[54] **BAG COMPRISING A CLOSING  
DEVICE WITH MATCHING SECTIONS  
AND CLOSING DEVICE THEREFOR**  
[72] BOIS, Henri Georges, FR  
[71] FLEXICO-FRANCE, FR  
[85] 1999-02-16  
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[13] A1

[51] **Int.Cl. 6G08B 17/10 6G01N 27/12  
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[25] FR  
[54] **PROCEDE DE FABRICATION  
D'UN ELEMENT FORME DE SEMI-  
CONDUCTEUR(S) ET DETECTEUR  
D'INCENDIE COMPRENANT UN TEL  
ELEMENT**  
[54] **METHOD FOR MANUFACTURING  
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ELEMENT**  
[72] DE HAAN, André, BE  
[71] DE HAAN, André, BE  
[85] 1999-02-18  
[86] 1997-08-19 (PCT/BE97/00093)  
[87] 1998-02-26 (WO98/08084)  
[30] BE (9600704) 1996-08-19

[21] **2,263,380**  
[13] A1

[51] **Int.Cl. 6B25D 9/14**  
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[54] **A CONTROL VALVE APPARATUS**  
[54] **ENSEMBLE SOUPEPE DE COM-  
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[13] A1

[51] **Int.Cl. 6B62D 33/06**  
[25] EN  
[54] **VEHICLE HOOD SUPPORT AND  
LATCH SYSTEM**  
[54] **SYSTEME DE SUPPORT ET DE  
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[72] BODIN, Jan-Olof, SE  
[72] STOSEL, Dennis E., US  
[72] PALENCHAR, Thomas J., US  
[72] VON HOENE, Eric R., US  
[71] VOLVO TRUCKS NORTH AMERICA,  
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[54] **PROCEDE DE REFRIGERATION DE GAZ MELANGES**  
[72] RADEBAUGH, Ray, US  
[72] HUBER, Marcia L., US  
[72] DOBAK, John D., III, US  
[72] MARQUARDT, Eric D., US  
[71] CRYOGEN, INC., US  
[71] SECRETARY OF COMMERCE OF THE UNITED STATES, US  
[85] 1999-02-12  
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[30] US (08/698,044) 1996-08-15

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[13] A1

[51] **Int.Cl. 6A42B 3/12 6A42B 3/32**  
[25] EN  
[54] **HOCKEY HELMET WITH SELF-ADJUSTING PADDING**  
[54] **CASQUE DE HOCKEY A REMBOURRAGE AUTO-REGLABLE**  
[72] CHARTRAND, Daniel, CA  
[71] BAUER INC., CA  
[85] 1999-02-12  
[86] 1997-11-26 (PCT/CA97/00905)  
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[72] WILKINSON, Matthew C., US  
[72] FELDMAN, Michael C., US  
[71] ADD-VISION, INC., US  
[85] 1999-02-12  
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[87] 1998-02-19 (WO98/07136)  
[30] US (60/023,923) 1996-08-14  
[30] US (60/031,715) 1996-11-22  
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[25] EN  
[54] **SCHEDULING SYSTEM AND SCHEDULING METHOD FOR REENTRANT LINE PROCESSES**  
[54] **SYSTEME ET PROCEDE D'ORDONNANCEMENT POUR PROCESSUS EN SERIE RENTRANTS**  
[72] RICHARDSON, Ray M., US  
[72] KUMAR, P. R., US  
[71] BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US  
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[30] US (08/698,150) 1996-08-15

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[51] **Int.Cl. 6E05B 55/00**  
[25] EN  
[54] **AXIAL MOVING PUSHBUTTON FOR A LOCK HAVING ROTARY LOCKING AND RELEASE MOTIONS**  
[54] **BOUTON-POUSSOIR A DEPLACEMENT AXIAL POUR SERRURE A VERROUILLAGE ET DEVERROUILLAGE PAR MOUVEMENT ROTATIF**  
[72] RUSSELL, Charles C., IV, US  
[71] SCHLAGE LOCK COMPANY, US  
[85] 1999-02-12  
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[13] A1

[51] **Int.Cl. 6G01N 21/88 6G01J 3/46**  
[25] EN  
[54] **DEVICE FOR VISUALLY INSPECTING THE SURFACE CONDITION OF LARGE-DIMENSION SURFACES TO BE MATCHED**  
[54] **DISPOSITIF D'INSPECTION VISUELLE DE LA STRUCTURE SUPERFICIELLE DE SURFACES D'ECHANILLONNAGE DE DIMENSIONS IMPORTANTES**  
[72] WILLING, Achim, DE  
[71] DR.ING. WILLING GMBH, DE  
[85] 1999-02-10  
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[51] **Int.Cl. 6F02M 15/00**  
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[54] **CARBURANTS REFRIGERES POUR MOTEURS**  
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[71] FUEL DYNAMICS, US  
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[30] US (60/013,636) 1996-03-18  
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[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **PROCESS FOR OPTIMISING LOAD DISTRIBUTION BETWEEN CONNECTION SECTIONS OF DATA PACKAGE TRANSMISSION SYSTEMS**  
[54] **PROCEDE D'OPTIMISATION DE LA CHARGE DE TRAVAIL DE SEGMENTS DE CONNEXION DANS DES SYSTEMES, DANS LESQUELS DES INFORMATIONS SONT TRANSMISES SOUS FORME DE PAQUETS DE DONNEES**  
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[85] 1999-01-29  
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[13] A1

[51] **Int.Cl. 6H04Q 7/22**  
[25] EN  
[54] **EQUIPMENT FOR SWITCHING BETWEEN DIFFERENT TELEPHONE NETWORK TERMINALS**  
[54] **EQUIPEMENT DE COMMUTATION ENTRE TERMINAUX DE RESEAUX TELEPHONIQUES DIFFERENTS**  
[72] MARCHADIER, Bruno, FR  
[72] SYKES, Francis, FR  
[71] SAGEM S.A., FR  
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[54] **PROCEDE MAINTENANT L'HEURE EXACTE DANS UN SYSTEME INFORMATIQUE**  
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[72] MOIIN, Hossein, US  
[71] TANDEM COMPUTERS INCORPORATED, US  
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[51] **Int.Cl. 6G11B 27/031 6G11B 27/028 6G06F 3/14 6H04N 5/262**  
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[54] **SYSTEME DE TRAITEMENT DE SIGNAUX DE SUPPORTS D'INFORMATIONS TEMPORELS**  
[72] LEVITT, David, US  
[72] DAVIS, Marc, US  
[71] INTERVAL RESEARCH CORPORATION, US  
[85] 1999-02-05  
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[51] **Int.Cl. 6H04Q 7/36 6H04Q 7/22**  
[25] EN  
[54] **CONTROL CHANNEL FOR NON-TERRESTRIAL CELLULAR MOBILE TELECOMMUNICATION STATION**  
[54] **CANAL DE COMMANDE POUR STATION NON TERRESTRE DE TELECOMMUNICATION MOBILE CELLULAIRE**  
[72] GEORGE, Robert L., US  
[72] RAY, J. C., US  
[72] JONES, Stephen S., US  
[71] AIRCELL INCORPORATED, US  
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[51] **Int.Cl. 6H04Q 7/36 6H04Q 7/22**  
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[54] **ANTENNE POUR SYSTEME DE TELECOMMUNICATION MOBILE NON TERRESTRE**  
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[72] GEORGE, Robert L., US  
[72] RAY, J. C., US  
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[54] **SYSTEME DE MANIPULATION ET D'ANIMATION D'IMAGES FAISANT APPEL A DES GRAPHISMES DE CONTRAINTE INCRUSTES**  
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[72] DONALD, Bruce Randall, US  
[71] INTERVAL RESEARCH CORPORATION, US  
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[54] **COMPOSITIONS D'ECLAIRCISSEMENT DE LA PEAU**  
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[71] THE PROCTER & GAMBLE COMPANY, US  
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[51] **Int.Cl. 6F02M 37/04**  
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[54] **APPAREIL SEPARATEUR DE CARBURANT/VAPEUR POUR MOTEURS DIESEL**  
[72] GONZALEZ, Jose M., US  
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[85] 1999-02-11  
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[51] **Int.Cl. 6H03M 7/30 6G06F 7/00 6G06F 15/00**  
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[54] **A LEMPEL-ZIV DATA COMPRESSION TECHNIQUE UTILIZING A DICTIONARY PRE-FILLED WITH FREQUENT LETTER COMBINATIONS, WORDS AND/OR PHRASES**  
[54] **TECHNIQUE DE COMPRESSION DE DONNEES DE TYPE LEMPEL-ZIV UTILISANT UN DICTIONNAIRE CONTENANT DEJA DES COMBINAISONS DE LETTRES FREQUENTES, DES MOTS FREQUENTS ET/OU DES LOCUTIONS FREQUENTES**  
[72] REYNAR, Jeffrey C., US  
[72] UNGAR, Lyle, US  
[72] HERZ, Fred, US  
[72] EISNER, Jason, US  
[71] REYNAR, Jeffrey C., US  
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[54] **BATIMENT REPLIABLE ET TRANSPORTABLE**  
[72] KALINOWSKI, J. Ramon, CA  
[71] KALINOWSKI, J. Ramon, CA  
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<p style="text-align: center;">[21] <b>2,263,459</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/28 6G06F 17/60</b> [25] EN [54] <b>DOCUMENT PRODUCING SUPPORT SYSTEM</b> [54] <b>SYSTEME D'AIDE A LA PRODUCTION DE DOCUMENTS</b> [72] RUTTEN, Hubert Joseph Marie, NL [72] VAN RUYSEVELT, Frank, NL [72] WILKINSON, David, NL [71] POLYDOC N.V., NL [85] 1998-12-31 [86] 1996-07-03 (PCT/NL96/00273) [87] 1998-01-15 (WO98/01807)</p>	<p style="text-align: center;">[21] <b>2,263,469</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47C 21/08 6A47C 27/08 6A47C 27/14 6A47C 27/18</b> [25] EN [54] <b>THERAPEUTIC BEDDING PAD</b> [54] <b>COUSSIN THERAPEUTIQUE POUR LIT</b> [72] SELTON, Daniel E., US [71] SELTON, Daniel E., US [85] 1999-02-15 [86] 1997-08-18 (PCT/US97/14445) [87] 1998-02-26 (WO98/07354) [30] US (08/699,789) 1996-08-19 [30] US (08/864,647) 1997-05-28</p>	<p style="text-align: center;">[21] <b>2,263,483</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G11B 23/30 6G08B 13/22 6G11B 23/32</b> [25] EN [54] <b>DISC-LIKE DEVICE WITH EAS MATERIAL</b> [54] <b>DISPOSITIF EN FORME DE DISQUE AVEC MATERIAU DE SYSTEME ELECTRONIQUE DE SURVEILLANCE D'ARTICLES</b> [72] PLONSKY, Christopher B., US [72] HO, Wing, US [71] SENSORMATIC ELECTRONICS CORPORATION, US [85] 1999-02-15 [86] 1997-08-08 (PCT/US97/13785) [87] 1998-03-12 (WO98/10386) [30] US (08/699,494) 1996-08-19</p>
<p style="text-align: center;">[21] <b>2,263,464</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16L 9/14 6F16L 21/06 6B29C 45/14 6B29C 70/68 6B29C 70/74</b> [25] EN [54] <b>CONNECTOR ASSEMBLY AND METHOD OF MANUFACTURE</b> [54] <b>ENSEMBLE DE RACCORDEMENT ET SON PROCEDE DE FABRICATION</b> [72] MOORE, Bruce H., US [72] BALIKA, Brent A., US [72] CORBETT, Christopher H., US [72] FRYE, Scott R., US [71] FLEX TECHNOLOGIES, INC., US [85] 1999-01-04 [86] 1996-12-11 (PCT/US96/19699) [87] 1998-01-08 (WO98/00663) [30] US (08/677448) 1996-07-02</p>	<p style="text-align: center;">[21] <b>2,263,470</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47B 57/26</b> [25] EN [54] <b>SHELF SYSTEM</b> [54] <b>SYSTEME DE RAYONNAGE</b> [72] SANDER, Julian, DE [71] SANDER, Julian, DE [85] 1999-02-15 [86] 1997-08-05 (PCT/EP97/04247) [87] 1998-02-26 (WO98/07351) [30] DE (296 14 265.4) 1996-08-17</p>	<p style="text-align: center;">[21] <b>2,263,486</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 34/08 6E21B 34/10</b> [25] EN [54] <b>VARIABLE ORIFICE GAS LIFT VALVE FOR HIGH FLOW RATES WITH DETACHABLE POWER SOURCE AND METHOD OF USING</b> [54] <b>SOUPAPE DE GAS-LIFT A ORIFICE VARIABLE POUR DEBITS ELEVES MUNIE D'UNE SOURCE D'ENERGIE AMOVIBLE ET PROCEDE D'UTILISATION</b> [72] PRINGLE, Ronald E., US [71] CAMCO INTERNATIONAL, INC., US [85] 1999-02-15 [86] 1997-08-15 (PCT/US97/14431) [87] 1998-02-19 (WO98/06928) [30] US (60/023,965) 1996-08-15</p>
<p style="text-align: center;">[21] <b>2,263,466</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01V 9/00 6E21B 47/06</b> [25] EN [54] <b>METHOD FOR PRODUCING IMAGES OF RESERVOIR BOUNDARIES</b> [54] <b>PROCEDE POUR PRODUIRE DES IMAGES DE LIMITES DE GISEMENT</b> [72] GOLDSBERRY, Fred L., US [71] BAKER HUGHES INCORPORATED, US [85] 1999-02-05 [86] 1997-08-05 (PCT/US97/13838) [87] 1998-02-12 (WO98/05982) [30] US (60/023,207) 1996-08-05</p>	<p style="text-align: center;">[21] <b>2,263,474</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 15/00 6A62D 3/00 6B01D 53/38</b> [25] EN [54] <b>NANOMETER SIZED METAL OXIDE PARTICLES FOR AMBIENT TEMPERATURE ADSORPTION OF TOXIC CHEMICALS</b> [54] <b>PARTICULES D'OXYDE METALLIQUE DE TAILLE NANOMETRIQUE PERMETTANT L'ADSORPTION A TEMPERATURE AMBIANTE DE PRODUITS CHIMIQUES TOXIQUES</b> [72] KLABUNDE, Kenneth J., US [71] KANSAS STATE UNIVERSITY RESEARCH FOUNDATION, US [85] 1999-02-16 [86] 1997-08-20 (PCT/US97/14647) [87] 1998-02-26 (WO98/07493) [30] US (08/700,221) 1996-08-20 [30] US (08/914,632) 1997-08-19</p>	<p style="text-align: center;">[21] <b>2,263,487</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47F 5/025 6A47F 10/00</b> [25] EN [54] <b>SHELVING STAND</b> [54] <b>PRESENTOIR EN RAYONNAGES</b> [72] ALNENG, Carl-Göran, SE [71] SINTEK INTERNATIONAL AB, SE [85] 1999-02-15 [86] 1997-06-23 (PCT/SE97/01114) [87] 1998-03-12 (WO98/09555) [30] SE (9603157-0) 1996-08-30</p>

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<p style="text-align: center;">[21] <b>2,263,488</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01H 21/44 6A61L 9/03</b> [25] EN [54] <b>AN ELECTRIC DEVICE FOR EVAPORATING SUBSTANCES</b> [54] [72] STEINEL, Heinrich Wolfgang Jr., DE [71] STEINEL GMBH &amp; CO. KG, DE [85] 1999-02-16 [86] 1997-08-27 (PCT/EP97/04675) [87] 1998-03-12 (WO98/10453) [30] DE (96114200.7) 1996-09-04</p>	<p style="text-align: center;">[21] <b>2,263,502</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21F 3/02 6D21F 7/00 6D21G 1/02</b> [25] EN [54] <b>A PRESS APPARATUS FOR A PAPER-MAKING MACHINE</b> [54] <b>APPAREIL DE PRESSE MECANIQUE POUR MACHINE A PAPIER</b> [72] SANDBERG, Brian, US [71] BELOIT TECHNOLOGIES, INC., US [85] 1999-02-15 [86] 1997-08-15 (PCT/US97/14398) [87] 1998-02-19 (WO98/06896) [30] US (60/024,095) 1996-08-16</p>	<p style="text-align: center;">[21] <b>2,263,509</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 33/25 6A44B 19/16</b> [25] EN [54] <b>TAMPER-EVIDENT RECLOSABLE PLASTIC BAG WITH SLIDER-TYPE ZIPPER</b> [54] <b>SAC EN PLASTIQUE REFERMABLE DONT LA FERMETURE EST POURVUE D'UN SYSTEME A GLISSIERE DE TYPE CURSEUR</b> [72] PROVAN, Alexander R., US [72] DOBRESKI, David V., US [72] THOMAS, Toby R., US [72] McMANUS, Michael W., US [71] TENNECO PACKAGING INC., US [85] 1999-02-15 [86] 1997-08-14 (PCT/US97/14316) [87] 1998-02-19 (WO98/06635) [30] US (08/700,680) 1996-08-16</p>
<p style="text-align: center;">[21] <b>2,263,494</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 6/36 6G02B 6/255</b> [25] EN [54] <b>IMPROVED FIBEROPTIC CONNECTOR AND IMPROVED FIBROPTIC CONNECTOR SPLICE</b> [54] <b>CONNECTEUR A FIBRES OPTIQUES AMELIORE ET EPISSURE AMELIORE POUR CONNECTEUR A FIBRES OPTIQUES</b> [72] RONDEAU, Michel Y., US [71] FIBOTECH, INC., US [85] 1999-02-15 [86] 1997-07-15 (PCT/US97/12340) [87] 1998-01-22 (WO98/02767) [30] US (08/683,656) 1996-07-15</p>	<p style="text-align: center;">[21] <b>2,263,507</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E05D 15/06</b> [25] EN [54] <b>DEVICE FOR CONNECTING A DISPLACEABLE ELEMENT TO A GUIDE DEVICE</b> [54] <b>DISPOSITIF POUR RELIER UN ELEMENT DEPLACABLE A UN DISPOSITIF DE GUIDAGE</b> [72] HAAB, Karl, CH [72] HAAB, Otto, CH [71] HAWA AG, CH [85] 1999-02-15 [86] 1998-06-23 (PCT/CH98/00274) [87] 1998-12-30 (WO98/59140) [30] CH (1533/97) 1997-06-24</p>	<p style="text-align: center;">[21] <b>2,263,517</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60D 1/52 6F16B 21/02</b> [25] EN [54] <b>COUPLING DEVICE FOR A VEHICLE</b> [54] <b>DISPOSITIF D'ACCOUPLLEMENT POUR UN VEHICULE</b> [72] RUMPP, Gerhard, DE [71] RUMPP, Gerhard, DE [85] 1999-02-16 [86] 1997-08-20 (PCT/EP97/04529) [87] 1998-02-26 (WO98/07587) [30] DE (296 14 444.4) 1996-08-20</p>
<p style="text-align: center;">[21] <b>2,263,499</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/40</b> [25] EN [54] <b>USE OF INHIBITORS OF PKC FOR THE MANUFACTURE OF A MEDICAMENT FOR THE TREATMENT OF CENTRAL NERVOUS SYSTEM DISEASES ASSOCIATED WITH HIV INFECTION</b> [54] <b>UTILISATION D'INHIBITEURS DE PKC DANS LA PRODUCTION D'UN MEDICAMENT DE TRAITEMENT DE MALADIES DU SYSTEME NERVEUX CENTRAL ASSOCIEES AUX INFECTIONS A VIH</b> [72] WAYS, Douglas K., US [72] JIROUSEK, Michael R., US [72] STRAMM, Lawrence E., US [71] ELI LILLY AND COMPANY, US [85] 1999-02-15 [86] 1997-08-28 (PCT/US97/15583) [87] 1998-03-05 (WO98/08510) [30] US (60/024,869) 1996-08-30 [30] US (08/917,362) 1997-08-26</p>	<p style="text-align: center;">[21] <b>2,263,508</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01D 9/02 6F02C 7/18</b> [25] EN [54] <b>DEVICE FOR SEALING GAS TURBINE STATOR BLADES</b> [54] <b>DISPOSITIF D'ETANCHEITE POUR AUBES DE STATOR DE TURBINE A GAZ</b> [72] FUKUNO, Hiroki, JP [72] AOKI, Sunao, JP [72] SUENAGA, Kiyoshi, JP [72] AI, Toshishige, JP [72] YURI, Masanori, JP [72] TOMITA, Yasuoki, JP [71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP [85] 1999-02-16 [86] 1998-06-10 (PCT/JP98/02565) [87] 1998-12-23 (WO98/58158) [30] JP (9-162651) 1997-06-19 [30] JP (9-175734) 1997-07-01 [30] JP (9-182263) 1997-07-08</p>	<p style="text-align: center;">[21] <b>2,263,518</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02C 13/00 6G02C 7/04 6A61L 2/18 6A61L 2/26</b> [25] EN [54] <b>IMPROVED CONTACT LENS DISINFECTING DEVICE AND DISINFECTING SYSTEM</b> [54] <b>DISPOSITIF AMELIORE POUR LA DESINFECTION DE LENTILLES DE CONTACT ET SYSTEME DE DESINFECTION</b> [72] KOOMRUIAN, Charles Jr., US [71] ALLERGAN SALES, INC., US [85] 1999-02-15 [86] 1997-08-05 (PCT/US97/13834) [87] 1998-02-19 (WO98/06443) [30] US (08/698,743) 1996-08-16</p>

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[13] A1  
[51] **Int.Cl. 6G01B 11/00 6G03B 37/00 6G01B 11/03 6A61B 1/04 6A61B 5/107 6G02B 23/24**  
[25] EN  
[54] **APPARATUS AND METHOD FOR MAKING ACCURATE THREE-DIMENSIONAL SIZE MEASUREMENTS OF INACCESSIBLE OBJECTS**  
[54] **APPAREIL ET PROCEDE DE MESURE DE TAILLE EN TROIS DIMENSIONS D'OBJETS INACCESSIBLES**  
[72] SCHAACK, David F., US  
[71] SCHAACK, David F., US  
[85] 1999-02-16  
[86] 1997-08-08 (PCT/US97/15206)  
[87] 1998-02-19 (WO98/07001)  
[30] US (08/689,993) 1996-08-16  
[30] US (08/871,289) 1997-06-09

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[13] A1  
[51] **Int.Cl. 6A23N 17/00 6A23K 1/00**  
[25] EN  
[54] **METHOD OF ADDING FATS AND OILS TO POROUS FODDER**  
[54] **PROCEDE D'ADJONCTION DE MATIERES GRASSES A DU FOURRAGE POREUX**  
[72] AOYAMA, Ryoji, JP  
[72] ANDO, Takayuki, JP  
[72] TANAKA, Minoru, JP  
[72] NISHIOKA, Masashi, JP  
[71] NISSHIN FLOUR MILLING CO., LTD., JP  
[85] 1999-02-16  
[86] 1997-09-05 (PCT/JP97/03140)  
[87] 1998-03-12 (WO98/09542)  
[30] JP (8/234866) 1996-09-05

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[13] A1  
[51] **Int.Cl. 6C11D 3/386**  
[25] EN  
[54] **DETERGENT COMPOSITIONS COMPRISING ALKALINE PECTIN DEGRADING ENZYME**  
[54] **COMPOSITIONS DETERGENTES CONTENANT UNE ENZYME DEGRADANT LA PECTINE ALCALINE**  
[72] HERBOTS, Ivan Maurice Alfons Jan, BE  
[72] BAECK, Andre Cesar, BE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-02-08  
[86] 1996-08-09 (PCT/US96/12962)  
[87] 1998-02-19 (WO98/06808)

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[13] A1  
[51] **Int.Cl. 6G01R 33/44 6G01N 24/08**  
[25] EN  
[54] **NUCLEAR QUADRUPOLE RESONANCE TESTING**  
[54] **MESURE DE RESONANCE QUADRUPOLE NUCLEAIRE**  
[72] PEIRSON, Neil Francis, GB  
[72] SMITH, John Alec Sydney, GB  
[71] BTG INTERNATIONAL LIMITED, GB  
[85] 1999-02-16  
[86] 1997-08-28 (PCT/GB97/02321)  
[87] 1998-03-05 (WO98/09179)  
[30] GB (9617978.3) 1996-08-28

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[13] A1  
[51] **Int.Cl. 6G01S 13/89 6G03H 5/00 6G01N 23/20**  
[25] EN  
[54] **REAL-TIME WIDEBAND CYLINDRICAL HOLOGRAPHIC SURVEILLANCE SYSTEM**  
[54] **SYSTEME DE SURVEILLANCE HOLOGRAPHIQUE CYLINDRIQUE A LARGE BANDE ET A TEMPS REEL**  
[72] McMAKIN, Douglas L., US  
[72] SHEEN, David M., US  
[72] HALL, Thomas E., US  
[72] SEVERTSEN, Ronald H., US  
[71] BATTELLE MEMORIAL INSTITUTE, US  
[85] 1999-02-16  
[86] 1997-09-05 (PCT/US97/15723)  
[87] 1998-03-19 (WO98/11453)  
[30] US (08/714,026) 1996-09-11

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[13] A1  
[51] **Int.Cl. 6H04M 1/60**  
[25] EN  
[54] **DYNAMIC OPTIMIZATION OF HANDSFREE MICROPHONE GAIN**  
[54] **OPTIMISATION DYNAMIQUE DE L'AMPLIFICATION D'UN MICRO EN MODE MAINS LIBRES**  
[72] DING, Heping, CA  
[72] McCLENNON, Scott, CA  
[72] DAL FARRA, David, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[85] 1999-02-08  
[86] 1997-08-08 (PCT/CA97/00579)  
[87] 1998-02-19 (WO98/07263)  
[30] US (08/694,124) 1996-08-08

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[13] A1  
[51] **Int.Cl. 6A44B 19/36 6B29D 5/00 6B65D 33/25**  
[25] EN  
[54] **CONFORMING END STOPS FOR A PLASTIC ZIPPER**  
[54] **BUTEES D'ARRET CONFORMES DESTINEES A UNE FERMETURE A GLISSIERE EN PLASTIQUE**  
[72] CATCHMAN, Vernon C., US  
[72] BRYNIARSKI, David A., US  
[72] McMANUS, Michael W., US  
[72] DOBRESKI, David V., US  
[71] TENNECO PACKAGING INC., US  
[85] 1999-02-15  
[86] 1997-08-14 (PCT/US97/14301)  
[87] 1998-02-19 (WO98/06292)  
[30] US (08/698,955) 1996-08-16

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[13] A1  
[51] **Int.Cl. 6B03C 1/247**  
[25] EN  
[54] **APPARATUS AND METHOD FOR SEPARATING PARTICLES**  
[54] **DISPOSITIF ET PROCEDE POUR SEPARER DES PARTICULES**  
[72] ALLEN, Neil Robert, AU  
[71] KA PTY. LTD., AU  
[85] 1999-02-08  
[86] 1997-08-06 (PCT/AU97/00496)  
[87] 1998-02-19 (WO98/06500)  
[30] AU (PO 1495) 1996-08-08

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[13] A1  
[51] **Int.Cl. 6A44B 19/16 6B65D 33/25 6A44B 19/36**  
[25] EN  
[54] **END POSTS FOR PLASTIC ZIPPER**  
[54] **GOUPILLES D'EXTREMITE POUR FERMETURES A GLISSIERE**  
[72] McMANUS, Michael W., US  
[72] DOBRESKI, David V., US  
[71] TENNECO PACKAGING INC., US  
[85] 1999-02-15  
[86] 1997-08-14 (PCT/US97/14296)  
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[30] US (08/698,923) 1996-08-16

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[21] **2,263,550**  
[13] A1

[51] **Int.Cl. 6A61K 31/445 6A61K 31/40 6A61K 31/495 6A61K 31/535 6A61K 31/54**  
[25] EN  
[54] **TREATMENT OF THE COMMON COLD OR ALLERGIC RHINITIS**  
[54] **TRAITEMENT DU RHUME DE CERVEAU ET DES RHINITES ALLERGIQUES**  
[72] PHEBUS, Lee Alan, US  
[72] JOHNSON, Kirk Willis, US  
[71] ELI LILLY AND COMPANY, US  
[85] 1999-02-15  
[86] 1997-08-12 (PCT/US97/14097)  
[87] 1998-02-19 (WO98/06402)  
[30] US (60/024,096) 1996-08-16

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[13] A1

[51] **Int.Cl. 6C10M 173/02**  
[25] EN  
[54] **NOVEL WATER SOLUBLE METAL WORKING FLUIDS**  
[54] **NOUVEAUX FLUIDES HYDROSOLUBLES D'USINAGE DE METAUX**  
[72] TOU, Jacob S., US  
[72] SILVERMAN, David C., US  
[72] KALOTA, Dennis J., US  
[72] HIRZEL, Timothy K., US  
[72] CHO, Winsor R., US  
[72] CHOU, Yueting, US  
[71] SOLUTIA INC., US  
[85] 1999-02-15  
[86] 1997-08-29 (PCT/US97/15241)  
[87] 1998-03-05 (WO98/08919)  
[30] US (60/024,976) 1996-08-30

[21] **2,263,559**  
[13] A1

[51] **Int.Cl. 6F04B 37/02 6F04D 19/04**  
[25] EN  
[54] **GETTER PUMP ESPECIALLY SUITABLE FOR THE USE UPSTREAM, IN PROXIMITY AND COAXIALLY WITH RESPECT TO A TURBOMOLECULAR PUMP**  
[54] **POMPE DE DEGAZAGE POUVANT ETRE UTILISEE EN AMONT, A PROXIMITE OU DE MANIERE COAXIALE PAR RAPPORT A UNE POMPE TURBOMOLECULAIRE**  
[72] CONTE, Andrea, IT  
[72] GIANNANTONIO, Roberto, IT  
[71] SAES GETTERS S.p.A., IT  
[85] 1999-02-08  
[86] 1998-06-11 (PCT/IT98/00156)  
[87] 1998-12-23 (WO98/58173)  
[30] IT (MI97A001420) 1997-06-17

[21] **2,263,571**  
[13] A1

[51] **Int.Cl. 6G06F 9/45**  
[25] EN  
[54] **SYSTEM DEVELOPMENT TOOL FOR DISTRIBUTED OBJECT ORIENTED COMPUTING**  
[54] **OUTIL DE DEVELOPPEMENT SYSTEME D'INFORMATIQUE DISTRI-BUEE ORIENTEE OBJET**  
[72] ZANDER, Andrew Albert, AU  
[72] ROSE, Ian Alexander, AU  
[71] CiTR PTY LTD., AU  
[85] 1999-02-16  
[86] 1998-06-17 (PCT/AU98/00464)  
[87] 1998-12-23 (WO98/58313)  
[30] AU (PO 7401) 1997-06-18  
[30] AU (PO 9988) 1997-10-24

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[13] A1

[51] **Int.Cl. 6G06F 17/10 6G10H 1/12**  
[25] EN  
[54] **METHOD FOR INHARMONIC TONE GENERATION USING A COUPLED MODE DIGITAL FILTER**  
[54] **PROCEDE PERMETTANT DE PRODUIRE DES SONS NEUTRES AU MOYEN D'UN FILTRE NUMERIQUE A MODE COUPLE**  
[72] VAN DUYN, Scott A., US  
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US  
[85] 1999-02-16  
[86] 1997-08-13 (PCT/US97/14364)  
[87] 1998-02-19 (WO98/07101)  
[30] US (08/699,126) 1996-08-16

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[13] A1

[51] **Int.Cl. 6A01J 7/02 6A01J 5/017 6A01J 7/04**  
[25] EN  
[54] **AN IMPLEMENT FOR AUTOMATICALLY MILKING ANIMALS**  
[54] **DISPOSITIF POUR TRAITE AUTOMATIQUE D'ANIMAUX**  
[72] VAN DEN BERG, Karel, NL  
[71] MAASLAND N.V., NL  
[85] 1999-02-16  
[86] 1998-07-01 (PCT/NL98/00376)  
[87] 1999-01-14 (WO99/01024)  
[30] NL (1006473) 1997-07-04

[21] **2,263,577**  
[13] A1

[51] **Int.Cl. 6A63B 22/02**  
[25] EN  
[54] **A TREADMILL**  
[54] **TAPIS ROULANT POUR EXERCICES PHYSIQUES**  
[72] ALESSANDRI, Nerio, IT  
[71] TECHNOGYM S.R.L., IT  
[85] 1999-02-16  
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[87] 1998-12-23 (WO98/57711)  
[30] IT (BO97A 000372) 1997-06-18

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[13] A1

[51] **Int.Cl. 6B01D 53/52**  
[25] EN  
[54] **PROCESS FOR REDUCING TOTAL SULPHUR CONTENT IN GASES CONTAINING HYDROGEN SULPHIDE AND OTHER SULPHUR COMPONENTS**  
[54] **PROCEDE DE REDUCTION DE LA TENEUR TOTALE EN SOUFRE DES GAZ CONTENANT DU SULFURE D'HYDROGENE ET D'AUTRES COMPOSANTS DE SOUFRE**  
[72] STEGENGA, Sander, NL  
[72] VAN DEN BRINK, Peter John, NL  
[72] HUISMAN, Hans Michiel, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 1999-02-17  
[86] 1997-08-21 (PCT/EP97/04756)  
[87] 1998-02-26 (WO98/07502)  
[30] EP (96202341.2) 1996-08-22

[21] **2,263,581**  
[13] A1

[51] **Int.Cl. 6B64C 23/08 6B64C 39/00**  
[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO FLUID DYNAMIC LIFT GENERATION**  
[54] **AMELIORATIONS DE LA GENERATION DE SUSTENTATION DYNAMIQUE PAR FLUIDE**  
[72] PEEBLES, Patrick, IT  
[71] PEEBLES, Patrick, IT  
[85] 1999-02-17  
[86] 1997-08-18 (PCT/EP97/04492)  
[87] 1998-02-26 (WO98/07622)  
[30] GB (9617440.4) 1996-08-20

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<p style="text-align: right;">[21] <b>2,263,587</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 19/07</b> [25] EN [54] <b>SECURITY DEVICES AND SYSTEMS</b> [54] <b>DISPOSITIFS ET SYSTEMES DE SECURITE</b> [72] KING, Reginald Alfred, GB [71] DOMAIN DYNAMICS LIMITED, GB [85] 1999-02-17 [86] 1997-08-20 (PCT/GB97/02228) [87] 1998-02-26 (WO98/08188) [30] GB (9617426.3) 1996-08-20</p>	<p style="text-align: right;">[21] <b>2,263,662</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C01G 45/12 6H01M 4/50</b> [25] EN [54] <b>LITHIUM MANGANESE OXY-FLUORIDES FOR LI-ION RECHARGEABLE BATTERY ELECTRODES</b> [54] <b>OXY-FLUORURES DE LITHIUM MANGANESE POUR ELECTRODES DE BATTERIES AUX IONS DE LITHIUM RECHARGEABLES</b> [72] TARASCON, Jean-Marie, US [72] AMATUCCI, Glenn G., US [71] BELL COMMUNICATIONS RESEARCH, INC., US [85] 1999-02-17 [86] 1997-09-04 (PCT/US97/15588) [87] 1998-03-12 (WO98/10476) [30] US (08/706,546) 1996-09-06</p>	<p style="text-align: right;">[21] <b>2,263,682</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01M 10/12</b> [25] EN [54] <b>APPARATUS AND METHOD FOR MAKING LAMINATED RECHARGEABLE BATTERY CELLS</b> [54] <b>APPAREIL ET METHODE POUR FABRIQUER DES ELEMENTS STRATIFIES DE BATTERIE RECHARGEABLE</b> [72] WARREN, Paul C., US [72] GOZDZ, Antoni S., US [71] BELL COMMUNICATIONS RESEARCH, INC., US [85] 1999-02-17 [86] 1997-09-16 (PCT/US97/16428) [87] 1998-03-26 (WO98/12765) [30] US (08/710,481) 1996-09-18</p>
<p style="text-align: right;">[21] <b>2,263,599</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 1/32 6H04L 12/54</b> [25] EN [54] <b>METHOD OF RECEIVING INTERNET FACSIMILE AND ELECTRONIC MAIL</b> [54] <b>PROCEDE PERMETTANT DE RECEVOIR PAR INTERNET UNE TELECOPIE ET DU COURRIER ELECTRONIQUE</b> [72] TOYODA, Kiyoshi, JP [72] SAITO, Kyoji, JP [71] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP [85] 1999-02-19 [86] 1998-06-16 (PCT/JP98/02635) [87] 1998-12-30 (WO98/59297) [30] JP (9-180528) 1997-06-20</p>	<p style="text-align: right;">[21] <b>2,263,670</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B68C 5/00</b> [25] EN [54] <b>PROTECTIVE SUPPORT WRAP FOR A HORSE LEG</b> [54] <b>BANDAGE PROTECTEUR DE SOUTIEN POUR JAMBE DE CHEVAL</b> [72] VOGT, Les, US [71] FARNAM COMPANIES, INC., US [85] 1999-02-18 [86] 1997-08-15 (PCT/US97/14414) [87] 1998-02-26 (WO98/07651) [30] US (08/699,438) 1996-08-19</p>	<p style="text-align: right;">[21] <b>2,263,684</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B63H 11/10 6B63H 11/08</b> [25] EN [54] <b>WATER JET PROPULSION SYSTEM FOR WATERCRAFT</b> [54] <b>SYSTEME D'HYDROPROPULSION POUR ENGINE NAUTIQUE</b> [72] ISHIGAKI, Eiichi, JP [71] ISHIGAKI COMPANY LIMITED, JP [85] 1999-02-17 [86] 1998-06-18 (PCT/JP98/02692) [87] 1998-12-23 (WO98/57849) [30] JP (9/160330) 1997-06-18</p>
<p style="text-align: right;">[21] <b>2,263,602</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 33/06</b> [25] EN [54] <b>ROTATING BLOWOUT PREVENTOR</b> [54] <b>BLOC OBTURATEUR ROTATIF</b> [72] CARAWAY, Miles F., US [71] CARAWAY, Miles F., US [85] 1999-02-22 [86] 1997-08-11 (PCT/US97/14137) [87] 1998-02-26 (WO98/07956) [30] US (60/024,304) 1996-08-23</p>	<p style="text-align: right;">[21] <b>2,263,674</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 8/00 6A61B 8/06</b> [25] EN [54] <b>APPARATUS AND METHOD FOR AUTOMATIC PLACEMENT OF TRANSDUCER</b> [54] <b>APPAREIL ET PROCEDE DESTINES A LA MISE EN PLACE AUTOMATIQUE D'UN TRANSDUCTEUR</b> [72] VILKOMERSON, David, US [71] ECHOCATH, INC., US [85] 1999-02-18 [86] 1997-07-23 (PCT/US97/12791) [87] 1998-02-26 (WO98/07371) [30] US (08/699,228) 1996-08-19</p>	<p style="text-align: right;">[21] <b>2,263,689</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E01B 7/10</b> [25] EN [54] <b>CROSSING ASSEMBLY FOR POINT SWITCHES AND PROCESSING</b> [54] <b>COEUR DE CROISEMENT POUR AIGUILLAGES ET CROISEMENTS</b> [72] LOCHSCHMIDT, Oswald, DE [71] HUBMANN, Hans-Peter, DE [85] 1999-02-17 [86] 1997-08-21 (PCT/EP97/04561) [87] 1998-02-26 (WO98/07928) [30] DE (196 33 694.5) 1996-08-21</p>

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[13] A1

[51] **Int.Cl. 6A61F 2/06**

[25] EN

[54] **ENDOVASCULAR PROSTHETIC DEVICE, AND METHOD OF USE**  
[54] **APPAREILLAGE PROTHETIQUE ENDOVASCULAIRE, ET PROCEDE D'UTILISATION**

[72] KELLER, Frederick S., US

[72] UCHIDA, Barry T., US

[72] PAVCNIK, Dusan, US

[71] COOK INCORPORATED, US

[85] 1999-02-17

[86] 1997-08-19 (PCT/US97/14539)

[87] 1998-02-26 (WO98/07389)

[30] US (08/697,057) 1996-08-19

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[21] **2,263,743**

[13] A1

[51] **Int.Cl. 6G06F 17/20 6G10L 5/00**

**6G06F 17/27**

[25] EN

[54] **NATURAL-LANGUAGE SPEECH CONTROL**

[54] **PROCEDE DE COMMANDE VOCALE EN LANGAGE NATUREL**

[72] ALAM, Hassan, US

[71] BCL COMPUTERS, INC., US

[85] 1999-02-17

[86] 1997-08-28 (PCT/US97/15388)

[87] 1998-03-05 (WO98/09228)

[30] US (60/025,145) 1996-08-29

[30] US (08/919,138) 1997-08-27

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[21] **2,263,696**

[13] A1

[51] **Int.Cl. 6H05B 41/29 6H02M 1/12**

[25] EN

[54] **PUMP SUPPORT CHOKE**  
[54] **BOBINE D'INDUCTANCE SUPPORT DE POMPAGE**

[72] FISCHER, Klaus, DE

[71] PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH, DE

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[13] A1

[51] **Int.Cl. 6G06K 9/42 6G06K 9/44**

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[25] EN

[54] **METHOD FOR PERFORMING CHARACTER RECOGNITION ON A PIXEL MATRIX**

[54] **PROCEDE DE RECONNAISSANCE DE CARACTERES SUR UNE MATRICE DE PIXELS**

[72] THOMPSON, Archie L., US

[72] VAN SAUN, Richard A., US

[71] FAXTRIEVE, INC., US

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[87] 1998-03-12 (WO98/10369)

[30] US (08/706,577) 1996-09-05

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[21] **2,213,677**  
[13] A1

[51] **Int.Cl. 6A01G 31/02**  
[25] EN  
[54] **HYDROPONIQUE UNIT (WINDOW MODEL)**  
[54] **DISPOSITIF HYDROPONIQUE (MODELE POUR FENETRE)**  
[72] SIMNOVEC, Joseph, CA  
[71] SIMNOVEC, Joseph, CA  
[22] 1997-09-12  
[43] 1999-03-12

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[21] **2,214,468**  
[13] A1

[51] **Int.Cl. 6A61M 5/315**  
[25] EN  
[54] **SYRINGE DOSE LIMITER**  
[54] **LIMITEUR DE DOSE POUR SERINGUE**  
[72] CAMPBELL, Douglas C.V., CA  
[71] CAMPBELL, Douglas C.V., CA  
[22] 1997-09-12  
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[21] **2,215,439**  
[13] A1

[51] **Int.Cl. 6A61B 5/107 6A43B 7/00**  
[25] EN  
[54] **SIZING SHOE HAVING TRANSPARENT UPPER**  
[54] **SOULIER POUR DETERMINER LA POINTURE DU PIED AYANT UN DESUS TRANSPARENT**  
[72] TOONE, Kevin, CA  
[71] TOONE, Kevin, CA  
[22] 1997-09-15  
[43] 1999-03-15

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[21] **2,215,689**  
[13] A1

[51] **Int.Cl. 6A63B 53/04**  
[25] EN  
[54] **PUTTER WITH CONVEX STRIKING SURFACE**  
[54] **FER DROIT AVEC SURFACE DE FRAPPE CONVEXE**  
[72] KARPUK, George, CA  
[71] KARPUK, George, CA  
[22] 1997-09-16  
[43] 1999-03-16

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[21] **2,215,724**  
[13] A1

[51] **Int.Cl. 6G01R 19/145 6H02G 1/00**  
[25] EN  
[54] **WIRELESS CIRCUIT FINDER WITH LIGHT INDICATORS**  
[54] **LOCALISATEUR DE CIRCUIT SANS FIL AVEC INDICATEURS LUMINEUX**  
[72] KIEGLER, Chris, CA  
[71] KIEGLER, Chris, CA  
[22] 1997-09-18  
[43] 1999-03-18

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[21] **2,215,776**  
[13] A1

[51] **Int.Cl. 6A01F 15/08**  
[25] EN  
[54] **BALE PUSH-OFF DEVICE**  
[54] **APPAREIL POUR POUSSER UN BALLOT**  
[72] FREY, Oscar, CA  
[71] FREY, Oscar, CA  
[22] 1997-09-18  
[43] 1999-03-18

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[21] **2,215,823**  
[13] A1

[51] **Int.Cl. 6A47F 5/00**  
[25] EN  
[54] **DISPLAY UNIT**  
[54] **UNITE PRESENTOIR**  
[72] WINIKOFF, Robert, CA  
[71] WINIKOFF, Robert, CA  
[22] 1997-09-19  
[43] 1999-03-19

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[21] **2,215,849**  
[13] A1

[51] **Int.Cl. 6H01M 10/08 6C07C 307/06 6C07C 311/09 6H01M 6/16**  
[25] EN  
[54] **NEW SOLVENT AND ELECTROLYTIC COMPOSITION WITH HIGH CONDUCTIVITY AND WIDE STABILITY RANGE**  
[54] **NOUVEAU SOLVANT ET COMPOSITION ELECTROLYTIQUE A HAUTE CONDUCTIVITE AYANT UNE STABILITE A LARGE PLAGES**  
[72] BARIL, Daniel, CA  
[72] MICHOT, Christophe, CA  
[72] BROUILLETTE, Dany, CA  
[72] BERGERON, Jean-Yves, CA  
[72] ARMAND, Michel, CA  
[71] BARIL, Daniel, CA  
[71] MICHOT, Christophe, CA  
[71] BROUILLETTE, Dany, CA  
[71] BERGERON, Jean-Yves, CA  
[71] ARMAND, Michel, CA  
[22] 1997-09-11  
[43] 1999-03-11

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[13] A1

[51] **Int.Cl. 6C12M 1/00 6C12S 13/00**  
[25] EN  
[54] **TWO-PHASE PARTITIONING BIOREACTOR FOR THE DEGRADATION OF A XENOBIOTECH**  
[54] **BIOREACTEUR A DEUX PHASES DE SEPARATIONS POUR LA DEGRADATION D'UN XENOBIOTECH**  
[72] COLLINS, Lisa B., CA  
[72] DAUGULIS, Andrew J., CA  
[71] DAUGULIS, Andrew J., CA  
[22] 1997-09-19  
[43] 1999-03-19

[21] **2,246,871**  
[13] A1

[51] **Int.Cl. 6F25J 3/04**  
[25] EN  
[54] **HIGH PRESSURE, IMPROVED EFFICIENCY CRYOGENIC RECTIFICATION SYSTEM FOR LOW PURITY OXYGEN PRODUCTION**  
[54] **SYSTEME DE RECTIFICATION CRYOGENIQUE A EFFICACITE AME-LIOREE POUR LA PRODUCTION D'OXYGENE A FAIBLE PURETE SOUS HAUTE PRESSION**  
[72] SATTAN, Susan Marie, US  
[72] BONAQUIST, Dante Patrick, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1998-09-08  
[43] 1999-03-09  
[30] US (08/925,761) 1997-09-09

[21] **2,246,951**  
[13] A1

[51] **Int.Cl. 6H02K 37/14**  
[25] EN  
[54] **BRUSHLESS DC MOTOR USING PERMANENT MAGNET**  
[54] **MOTEUR DC SANS BALAI UTILISANT UN AIMANT PERMANENT**  
[72] FUJIWARA, Kenji, JP  
[72] BABA, Tsutomu, JP  
[72] HENMI, Saburo, JP  
[72] KUROMARU, Hiroshi, JP  
[72] HIRANO, Masahiro, JP  
[72] KOGURE, Takatoshi, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[71] SINANO ELECTRIC CO., LTD., JP  
[22] 1998-09-10  
[43] 1999-03-16  
[30] JP (9-250788) 1997-09-16

[21] **2,258,424**  
[13] A1

[51] **Int.Cl. 6F25C 3/04**  
[25] EN  
[54] **SNOW GUN FOR MAKING ARTIFICIAL SNOW**  
[54] **CANON A NEIGE**  
[72] McKINNEY, Vernon Lorne, CA  
[71] McKINNEY, Vernon Lorne, CA  
[22] 1995-10-30  
[43] 1997-05-01  
[62] 2161720  
[30] CA (2,161,720) 1995-10-30

[21] **2,258,447**  
[13] A1

[51] **Int.Cl. 6H03L 7/093**  
[25] EN  
[54] **OSCILLATOR CIRCUIT**  
[54] **CIRCUIT OSCILLANT**  
[72] WILLIAMS, Roscoe Charles, GB  
[71] ROSCOE C. WILLIAMS LIMITED, GB  
[22] 1995-04-05  
[43] 1996-01-04  
[62] 2192937  
[30] GB (9412772.7) 1994-06-24

[21] **2,259,795**  
[13] A1

[51] **Int.Cl. 6G01M 3/26 6A61M 16/00**  
[25] EN  
[54] **METHOD OF DETERMINING LEAK COMPONENT OF GAS FLOW**  
[54] **METHODE DE DETERMINATION DES COMPOSANTS D'UNE FUITE D'UN FLUX GAZEUX**  
[72] ZDROJKOWSKI, Ronald J., US  
[72] ESTES, Mark, US  
[71] RESPIRONICS INC., US  
[22] 1995-11-15  
[43] 1996-06-03  
[62] 2162981  
[30] US (349,634) 1994-12-02

[21] **2,259,798**  
[13] A1

[51] **Int.Cl. 6B41J 2/32 6G07B 1/00 6B41J 29/38**  
[25] EN  
[54] **A MEDIA TRANSFER SYSTEM FOR A THERMAL DEMAND PRINTER**  
[54] **SYSTEME DE TRANSFERT D'UN MEDIUM POUR IMPRIMANTE THERMIQUE**  
[72] NAEGELE, Kenneth V., US  
[72] HAMMAN, William J., US  
[71] ZEBRA TECHNOLOGIES CORPORATION, US  
[22] 1993-09-30  
[43] 1994-04-14  
[62] 2141869  
[30] US (07/957,262) 1992-10-02

[21] **2,259,801**  
[13] A1

[51] **Int.Cl. 6B41J 2/32 6B41J 29/38**  
[25] EN  
[54] **A PRINT DATA TRANSFER SYSTEM FOR A THERMAL DEMAND PRINTER**  
[54] **SYSTEME DE TRANSFERT DE DONNEES D'IMPRESSION POUR IMPRIMANTE THERMIQUE**  
[72] WEST, David A., US  
[71] ZEBRA TECHNOLOGIES CORPORATION, US  
[22] 1993-09-30  
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[62] 2141869  
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[21] **2,259,825**  
[13] A1

[51] **Int.Cl. 6B41J 2/32 6B41J 33/16**  
[25] EN  
[54] **A RIBBON DRIVE SYSTEM FOR A THERMAL DEMAND PRINTER**  
[54] **SYSTEME D'ENTRAINEMENT DE RUBAN POUR IMPRIMANTE THERMIQUE**  
[72] ZUBRISKI, David S., US  
[72] MONNIER, Dan E., US  
[72] PLATT, Michael K., US  
[72] KAUFMAN, Jeffrey R., US  
[72] ADAMS, Vincent C., US  
[71] ZEBRA TECHNOLOGIES CORPORATION, US  
[22] 1993-09-30  
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[13] A1  
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[25] EN  
[54] **VALVE FOR FROZEN DESSERT DISPENSING**  
[54] **ROBINET DE DISTRIBUTION D'UN DESSERT GELE**  
[72] ALPERS, Helmut A., US  
[72] RUSSETT, Jon P., US  
[71] SPECIALTY EQUIPMENT COMPANIES, INC., US  
[22] 1995-01-18  
[43] 1995-11-28  
[62] 2140489  
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[13] A1  
[51] **Int.Cl. 6A61B 1/04**  
[25] EN  
[54] **PROBE-CORRELATED VIEWING OF ANATOMICAL IMAGE DATA**  
[54] **VISIONNEMENT D'UNE IMAGE ANATOMIQUE CORRELE PAR SONDE**  
[72] ZINREICH, Simion J., US  
[72] BRIAN, Robert N., US  
[72] GREENBERG, Michael M., CA  
[72] DEKEL, Doron, CA  
[71] I.S.G. TECHNOLOGIES, INC., CA  
[22] 1989-11-21  
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[62] 2003497

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[13] A1  
[51] **Int.Cl. 6A61F 5/01**  
[25] EN  
[54] **MULTI-FUNCTIONAL DYNAMIC SPLINT**  
[54] **ATTELLE DYNAMIQUE MULTI-FONCTIONNELLE**  
[72] DEHARDE, Mark, US  
[72] PATCHEL, Kenneth A., US  
[71] ULTRAFLEX SYSTEMS, INC., US  
[22] 1995-03-22  
[43] 1995-09-28  
[62] 2186227  
[30] US (210,763) 1994-03-22

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[13] A1  
[51] **Int.Cl. 6C10G 9/14**  
[25] EN  
[54] **METHOD FOR PROVIDING A TUBE HAVING COKE FORMATION AND CARBON MONOXIDE INHIBITING PROPERTIES WHEN USED FOR THE THERMAL CRACKING OF HYDROCARBONS**  
[54] **METHODE D'OBTENTION D'UN TUBE A PROPRIETES INHIBITRICES DE FORMATION DE COKE ET D'OXYDE DE CARBONE LORSQU'IL EST UTILISE POUR LE THERMOCRAQUAGE D'HYDROCARBURES**  
[72] SCHARRE, Mark D., US  
[72] BROWN, Ronald E., US  
[72] HARPER, Timothy P., US  
[72] REED, Larry E., US  
[72] GREENWOOD, Gil J., US  
[71] PHILLIPS PETROLEUM COMPANY, US  
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[43] 1996-09-24  
[62] 2170425  
[30] US (08/409,292) 1995-03-23

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[21] **2,263,044**  
[13] A1  
[51] **Int.Cl. 6B65H 75/50**  
[25] EN  
[54] **METHOD AND APPARATUS FOR RECYCLING CORES**  
[54] **METHODE ET APPAREIL POUR RECYCLER DES MANDRINS**  
[72] LYNCH, Gregg M., CA  
[72] OSTROFF, Stuart, US  
[71] CSI CORE SPECIALTIES INC., CA  
[22] 1996-04-24  
[43] 1997-01-29  
[62] 2174894  
[30] US (60/001,616) 1995-07-28

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[21] **2,263,048**  
[13] A1  
[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **SANITARY NAPKIN HAVING AN INTERNAL SHAPING COMPONENT**  
[54] **SERVIETTE HYGIENIQUE A ELEMENT DE PROFILAGE INTERNE**  
[72] BERGMAN, Louis Carl, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[22] 1994-12-19  
[43] 1995-06-29  
[62] 2178588  
[30] US (08/170,487) 1993-12-20  
[30] US (08/225,411) 1994-04-08

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[13] A1  
[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **ABSORBENT ARTICLE WITH STRUCTURAL ELASTIC-LIKE FILM WEB WAIST BELT**  
[54] **ARTICLE ABSORBANT DONT LE TOUR DE TAILLE EST FORME D'UNE MINCE BANDE DE TYPE ELASTIQUE FAISANT PARTIE DE LA STRUCTURE DE L'ARTICLE**  
[72] GOULAIT, David Joseph Kenneth, US  
[72] ROE, Donald Carroll, US  
[72] RODRIGUEZ, Sheila Snyder, US  
[72] CABELL, David William, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[22] 1994-11-18  
[43] 1995-06-01  
[62] 2176202  
[30] US (08/155,406) 1993-11-19  
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ELGHAZZAWI, Ziad	2,250,331	HAUBOLD, Dieter	2,217,630	JEONG, Gwan Sik	2,226,702
EMMERT, Steven C.	2,250,482	HAUGH, Scott T.	2,227,684	JOHNSON, Jeffrey Horace	2,250,447
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ESCHE, Carl Kurt Jr.	2,248,661	HELLER, Martin	2,249,669	JURKIEWIEZ, Fanny	2,250,616
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ESSILOR INTERNATIONAL	2,250,616	HIGGINS, Steven Robertson	2,218,587		
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KACZUR, Jerry J.	2,250,527	LE CARPENTIER, Jean-Claude	2,249,888	MACHER, David	2,250,266
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NGK INSULATORS, LTD.	2,249,935	POND, Gregory	2,250,638	SCHIEB, Thomas	2,249,857
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