

Espacenet

<https://worldwide.espacenet.com/>



Europäisches
Patentamt
European
Patent Office
Office européen
des brevets

Espacenet
Patent search

Deutsch English Français

Contact

Change country ▼

ویژگی های Espacenet :

- جستجوی اطلاعات پتنت در سطح اروپا و جهان
- نمایانگر همه ی دفاتر ملی ثبت اختراع شرکت کننده
- امکان تغییر زبان
- قابل استفاده برای افراد غیر متخصص
- کاربری آسان
- کمک به ارتقای آگاهی در زمینه پتنت
- غیر قابل جایگزینی به جای موتورهای جستجوی حرفه ای

کاربران بالقوه ی Espacenet:

- پژوهشگران
- مهندسان
- وکلا
- مدیران تجاری
- مورخان



ساختار پتنت:

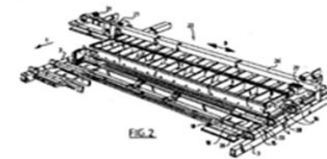
- Front page
- Bibliographic data
- Title
- Abstract
- Description
- Drawings
- Claims
- Search report

		Europäisches Patentamt European Patent Office Office européen des brevets
(19)	(11)	EP 1 000 000 A1
(12)	EUROPEAN PATENT APPLICATION	
(43) Date of publication: 17.05.2000 Bulletin 2000/20	(51) Int. Cl. ⁷ :	B28B 5/02, B28B 7/00, B28B 1/29
(21) Application number: 99203729.1		
(22) Date of filing: 08.11.1999		
(84) Designated Contracting States: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MD NL PT SE Designated Extension States: AL LT LV MK RO SI	(72) Inventor: Kosman, Wilhelmus Jacobus Maria 6562 DA Groesbeek (NL)	
(30) Priority: 12.11.1998 NL 1010536	(74) Representative: Schumann, Bernard Herman Johan et al Arnold & Siedsma, Advocaten en Octrooigemachtigden, Sweelinckplein 1 2517 GK Den Haag (NL)	
(71) Applicant: Beheermaatschappij De Boer Nijmegen B.V. 6541 BS Nijmegen (NL)		

(54) Apparatus for manufacturing green bricks for the brick manufacturing industry

(57) The invention relates to an apparatus (1) for manufacturing green bricks from clay for the brick manufacturing industry, comprising a circulating conveyor (3) carrying mould containers combined to mould container parts (4), a reservoir (5) for clay arranged above the mould containers, means for carrying clay out of the reservoir (5) into the mould containers, means (9) for pressing and trimming clay in the mould containers, means (11) for supplying and placing take-off plates for the green bricks (13) and means for discharging green bricks released from the mould containers, characterized in that the apparatus further comprises means (22) for moving the mould container parts (4) filled with green bricks such that a

protruding edge is formed on at least one side of the green bricks.



EP 1 000 000 A1

Front page

← About Espacenet Other EPO online services ▾

Search Result list My patents list (0) Query history Settings Help

EP0405370 (B2)

Bibliographic data

Description

Claims

Abstract

Original document

Cited documents

Citing documents

INPADOC legal status

INPADOC patent family

Quick help

- What is meant by high quality text as facsimile?
- What does A1, A2, A3 and B stand for after a European publication number?
- What happens if I click on "In my patents list"?
- What happens if I click on the "Register" button?
- Why are some sidebar options deactivated for certain documents?
- How can I bookmark this page?
- Why does a list of documents with the heading "Also published as" sometimes appear, and what are these documents?
- Why do I sometimes find the abstract of a corresponding document?
- What happens if I click on the red "patent translate" button?
- What is Global Dossier?

Bibliographic data: EP0405370 (B2) — 2007-12-19

★ In my patents list × EP Register 📄 Report data error

🖨️ Print

Riboflavinoverproducing strains of bacteria

Page bookmark [EP0405370 \(B2\) - Riboflavinoverproducing strains of bacteria](#)

Inventor(s): PERKINS JOHN B [US]; PERO JANICE G [US]; SLOMA ALAN [US] ±

Applicant(s): DSM IP ASSETS BV [NL] ±

Classification: - International: [C07H21/04](#); [C12N1/20](#); [C12N1/21](#); [C12N1/50](#); [C12N1/58](#); [C12N1/52](#); [C12P17/16](#); [C12P25/00](#); [C12R1/123](#); [C12R1/19](#)

- cooperative: [C12N1/52](#); [C12P25/00](#)

Application number: EP19900111916 19900622 [Global Dossier](#)

Priority number(s): [US19890370378](#) 19890622

Also published as: [EP0405370 \(A1\)](#) [EP0405370 \(B1\)](#) → [AT195971 \(T\)](#) [CN1049185 \(A\)](#) [CN1066486 \(C\)](#) → [more](#)

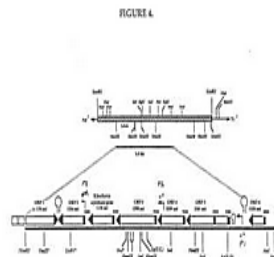
Abstract of EP0405370 (A1)

Translate this text into

Select language

[patenttranslate](#) powered by EPO and Google

The present invention is directed to bacteria that overproduce riboflavin. The invention concerns the nucleotide sequence of the rib operon and its open reading frames, and recombinant bacteria that contain the rib operon. Specifically, the invention relates to bacteria that have been mutated so that their production of riboflavin and/or purines is deregulated, and which have copies of the rib operon inserted and amplified in their chromosomal DNA. In a specific embodiment, the rib operon itself can be deregulated by replacing its control regions with sequences that allow constitutive or unregulated expression. The bacteria, operons and sequences of this invention are used to overproduce relatively large amounts of riboflavin by fermentation.



(11) EP 0 405 370 B2

(12) NEW EUROPEAN PATENT SPECIFICATION

(45) Date of publication and mention of the opposition decision: 19.12.2007 Bulletin 2007/51 (51) Int. Cl.: [C12N 15/52](#) (2006.01) [C12P 25/00](#) (2006.01) [C12N 1/20](#) (2006.01) [C12R 1/123](#) (2006.01) [C12R 1/19](#) (2006.01)

(45) Mention of the grant of the patent: 30.08.2000 Bulletin 2000/35

(21) Application number: 90111916.4

(22) Date of filing: 22.06.1990

(54) Riboflavinoverproducing strains of bacteria

Riboflavin überproduzierende Bakterienstämme

Souches de bactéries surproductrices de riboflavine

(84) Designated Contracting States: AT BE CH DE DK FR GB IT LI NL

(30) Priority: 22.06.1989 US 370378

(43) Date of publication of application: 02.01.1991 Bulletin 1991/01

(60) Divisional application: 99124888.1 / 1 001 026

(73) Proprietor: DSM IP Assets B.V. 6411 TE Heerlen (NL)

- (72) Inventors:
- Perkins, John B. Reading, Massachusetts 01867 (US)
 - Pero, Janice G. Lexington, Massachusetts 02173 (US)
 - Sloma, Alan Watertown, Massachusetts 02172 (US)

(74) Representative: Lederer, Franz et al Lederer & Keller Patentanwälte Prinzregentenstrasse 16 80538 München (DE)

(56) References cited: FR-A- 2 546 907

- CHEMICAL ABSTRACTS, vol. 68, no. 23, 5th June 1978, page 293, abstract no. 166562b, Columbus, Ohio, US; P. M. RABINOVICH et al.: "Expression in *Escherichia coli* cells of the *Bacillus subtilis* riboflavin operon in hybrid plasmids pPR1 and pPR2", & DOKL. AKAD. NAUK SSSR 1978, 238(6), 1459-61
- CHEMICAL ABSTRACTS, vol. 97, no. 11, 13th September 1982, page 214, abstract no. 86284h, Columbus, Ohio, US; J. JOMANTIS et al.: "Method for the successive cloning of linked sites of *Bacillus* chromosomes", & DOKL. AKAD. NAUK SSSR 1982, 264(2), 482-4
- CHEMICAL ABSTRACTS, vol. 98, no. 15, 11th April 1983, page 177, abstract no. 120613x, Columbus, Ohio, US; L. I. PANINA et al.: "Cloning genes of the riboflavin biosynthesis operon of *Bacillus subtilis* on the plasmid pBR322 vector in *Escherichia coli*", & GENETIKA (MOSCOW) 1983, 19(1), 174-6
- CHEMICAL ABSTRACTS, vol. 100, no. 15, 9th April 1984, page 138, abstract no. 115822v, Columbus, Ohio, US; P. M. RABINOVICH et al.: "Cloning genetic material in *Bacillus*", & MOL. BIOL. (MOSCOW) 1984, 18(1), 189-96
- CHEMICAL ABSTRACTS, vol. 101, no. 19, 5th November 1984, page 157, abstract no. 164714r, Columbus, Ohio, US; O. V. OKUNEV et al.: "Cloning in *Escherichia coli* of a DNA fragment of *Bacillus subtilis* containing the genes for lysine and riboflavin biosynthesis", & GENETIKA (MOSCOW), 1984, 20(7), 1061-6
- CHEMICAL ABSTRACTS, vol. 102, no. 23, 10th June 1985, page 160, abstract no. 198921a, Columbus, Ohio, US; P. M. RABINOVICH et al.: "Cloning of genetic material in *Bacillus*", & BIOTECHNOL. BACILLI (PROC. INT. CONF.), 2nd 1983 (Pub. 1984), 297-308

EP 0 405 370 B2

The description

Europäisches Patentamt
European Patent Office
Office européen des brevets

Deutsch English Français
Contact
Change country

Esipacenet
Patent search

About Esipacenet Other EPO online services

Search Result list My patents list (0) Query history Settings Help

EP0405370 (B2)

Biographic data
Description
Claims
Mosaics
Original document
Cited documents
Citing documents
INPADOC legal status
INPADOC patent family

Quick help

- What is meant by high quality text as facsimile?
- What happens if I click on "in my patents list"?
- What happens if I click on the "Register" button?
- What happens if I click on the "patent translate" button?
- Why is the description sometimes in French or German or another language altogether?
- How can I search in the text of the description?
- How can I view chemical structures in the full text?
- What is Global Dossier?

Description: EP0405370 (B2) — 2007-12-19

★ In my patents list EP Register Report data error

Riboflavinoverproducing strains of bacteria

Description of EP0405370 (B2)

A high quality text as facsimile in your desired language may be available amongst the following family members:
CN11049188 (A) DE69033616 (T2) DK0405370 (T3) JP11066562 (A) JP3149175 (B2)

Translate this text into [1]
Full-text translation of EPI(B) publications is not available at the moment. Please consider using the EPI(A) publication to obtain a machine translation of that document.

The EPO does not accept any responsibility for the accuracy of data and information originating from other authorities than the EPO. In particular EPO does not guarantee that they are complete, up-to-date or fit for specific purposes.

[0001] Riboflavin (vitamin B2) is synthesized by all plants and many microorganisms but is not produced by higher animals. Because it is a pro-coenzymes such as flavin adenine dinucleotide and flavin mononucleotide, that are required in the enzymatic oxidation of carbohydrates, riboflavin essential to basic metabolism. In higher animals, insufficient riboflavin can cause loss of hair, inflammation of the skin, vision deterioration, and failure.

[0002] Riboflavin can be commercially produced either by a complete chemical synthesis, starting with ribose, or by fermentation with the fungi *Erinosectocium ashyi* or *Ashbya gossypii* (The Merck Index, Wincholt et al., eds., Merck & Co., p. 1153, 1983). Mutants of *Bacillus subtilis* sensitive to the purine analogs azaguanine and azauracine, have been reported to produce riboflavin in recoverable amounts (U.S. Patent No. 4,291,000; Ebel et al., 1975). In general, exposure to purine or riboflavin analogs selects for deregulated mutants that exhibit increased riboflavin biosynthesis because the mutations allow the microorganism to "compete out" the analog by increased production (Matsui et al., *Agric. Biol. Chem.* 46:2003, 1972). A purine-requiring mutant of *Saccharomyces cerevisiae* that produces riboflavin has also been reported (U.S. Patent No. 4,794,081; Kawai et al., *Biotechnol. Bioeng.* 14: 1656 (1975)) report that the riboflavin operon (rfo operon) of *B. subtilis* is contained within a 7 megabase (Mb) fragment (later referred to as a 6.3 Mb fragment in Chikindas et al., *Mol. Genet. Microbiol.* no. 2:20 (1987)). It is reported that amplification of operon may have been achieved in *E. coli* by cloning the operon into a plasmid that conferred resistance to ampicillin and exposing bacteria containing that plasmid to increasing amounts of the antibiotic. The only evidence for rfo amplification is a coincident increase in the presence of a green-fluorescing substance in the medium; the authors present a number of alternative possibilities besides an actual amplification of the operon to the phenomenon observed.

[0003] French Patent Application No. 2,546,907, by Stepanov et al. (published December 7, 1984), discloses a method for producing riboflavin by a mutant strain of *B. subtilis* which has been exposed to azaguanine and roseoflavin and that is transformed with a plasmid containing a copy of rfo.

About Esipacenet Other EPO online services

Search Result list My patents list (0) Query history Settings Help

Refine search → Results page 1 → US2018206540 (A1)

US2018206540 (A1)

Biographic data
Description
Claims
Mosaics
Original document
Cited documents
Citing documents
INPADOC legal status
INPADOC patent family

Quick help

- What is meant by high quality text as facsimile?
- What happens if I click on "in my patents list"?
- What happens if I click on the "Register" button?
- What happens if I click on the "patent translate" button?
- Why is the description sometimes in French or German or another language altogether?
- How can I search in the text of the description?
- How can I view chemical structures in the full text?
- What is Global Dossier?

Description: US2018206540 (A1) — 2018-07-26

★ In my patents list Previous 6 / 500 Next Report data error Print

LACTIC ACID BACTERIUM-CONTAINING FAT OR OIL COMPOSITION AND METHOD FOR MANUFACTURING SAME

Description of US2018206540 (A1)

A high quality text as facsimile in your desired language may be available amongst the following family members:
CN107846919 (A) EP3305086 (A1) JPW02016194366 (A1) TW201717784 (A) WO2016194366 (A1)

Translate this text into [1]
Select language patenttranslate powered by EPO and Google

The EPO does not accept any responsibility for the accuracy of data and information originating from other authorities than the EPO; in particular, the EPO does not guarantee that they are complete, up-to-date or fit for specific purposes.

TECHNICAL FIELD

[0001] The present invention relates to a lactic acid bacterium-containing fat or oil composition containing a viable lactic acid bacterium and a method for manufacturing the same.

BACKGROUND ART

[0002] A lactic acid bacterium is a bacterium that produces lactic acid from sugars. As a bacterium producing lactic acid from sugars by fermentation (lactic acid fermentation), the genera *Lactobacillus*, *Enterococcus*, *Lactococcus*, *Pediococcus*, *Leuconostoc*, etc. are known. *Bifidobacterium* is also known as a bacterium that decomposes sugars to produce lactic acid and acetic acid. Bacteria of the genus *Bifidobacterium* may be classified as *Bacillus bifidus* separately from lactic acid bacteria, but in the present specification, bacteria of the genus *Bifidobacterium* are also included in lactic acid bacteria.

[0003] Many kinds of microorganisms live in the human intestine, and lactic acid bacteria belonging to the genera *Lactobacillus* and *Bifidobacterium* are detected from almost all human intestines.

[0004] Probiotics have been defined by a British microbiologist Fuller as "living microorganisms that bring beneficial effects to humans by improving the balance of the intestinal flora", and it is preferable that such probiotics reach the intestine in a living state and can grow in the intestinal environment. Some of lactic acid bacteria regulate the immune system, endocrine system, nervous system and the like, in addition to the regulation of the intestinal flora, and are attracting attention as probiotics.

[0005] It is desirable to ingest lactic acid bacteria for health promotion and maintenance. Yogurt, lactic acid bacteria beverages, etc. are common as foods containing lactic acid bacteria. In addition to these, lactic acid bacterium-containing foods as a probiotic that is more convenient and more palatable meet the needs of modern people seeking all of health, convenience and palatability.

[0006] Patent Literature 1 discloses a chocolate containing lactic acid bacteria including viable *Bacillus bifidus*, but discloses a technique for improving stability from the time of manufacturing. This technique does not improve the survival rate of lactic acid bacteria in the manufacturing process and the survival rate of lactic acid bacteria in digestion and absorption after ingestion.

The drawings

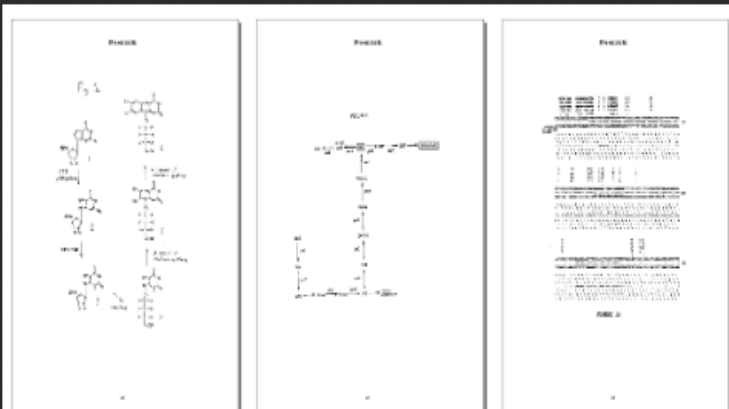
Mosaics: EP0405370 (B2) — 2007-12-19

★ In my patents list Previous 1 / 500 EP Register Report data error

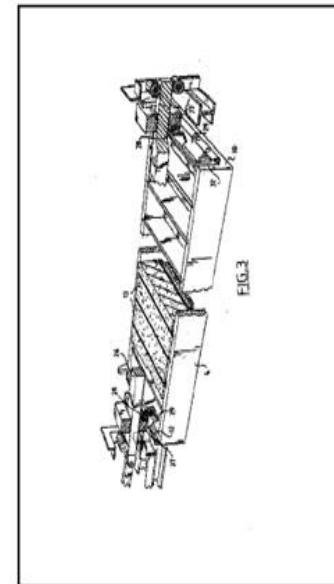
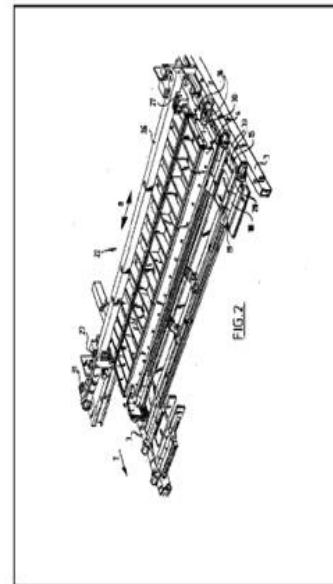
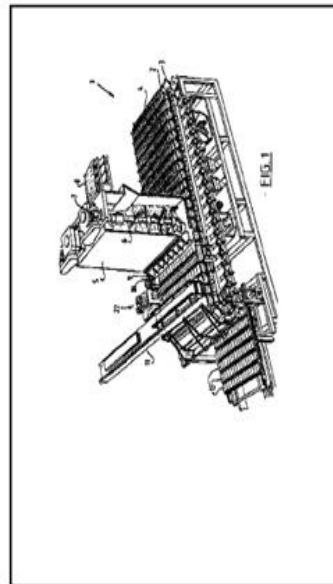
liboflavinoverproducing strains of bacteria

Page 1/6 Drawings Download

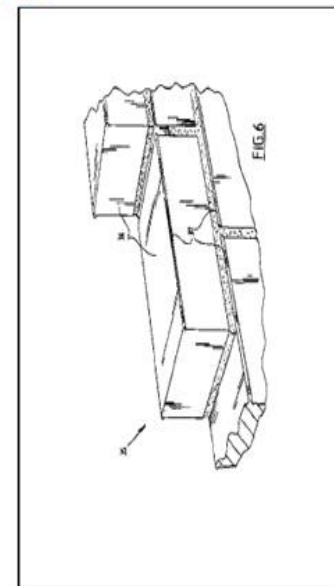
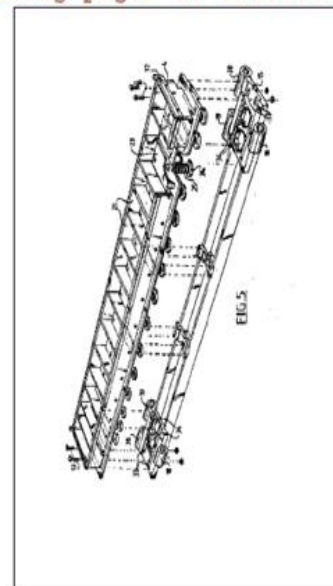
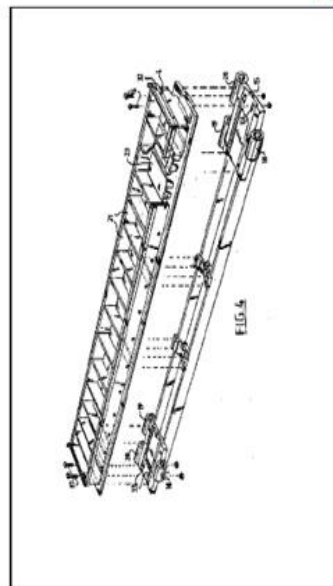
1 of 1 Automatic Zoom



Drawing pages of EP0405370 B2



Drawing pages of EP1000000 A1



The claims

EP0405370 (B2)

Biographic data

Description

Claims

Abstract

Original document

Cited documents

Cling documents

INPADOC legal status

INPADOC patent family

Quick help

What is meant by high quality text as facsimile?

What happens if I click on 'In my patents list'?

What happens if I click on the 'Register' button?

What happens if I click on the 'patent translate' button?

Why are the claims sometimes in French or German or another language altogether?

How can I search in the text of the claims?

How can I view chemical structures in the full text?

What is Global Dossier?

Claims: EP0405370 (B2) — 2007-12-19

In my patents list: EP Register Report data error Print

Riboflavinoverproducing strains of bacteria

Claims of EP0405370 (B2)

A high quality text as facsimile in your desired language may be available amongst the following family members:

EP0405370 (B2) JP20011749 (A) JP20060992 (A)

Translate this text into: Full-text translation of EP(A) publications is not available at the moment. Please consider using the EP(A) publication to obtain a machine translation of that document.

Original claims	Claims free
<p>The EPO does not accept any responsibility for the accuracy of data and information originating from other authorities than the EPO. In particular, the EPO does not guarantee that they are complete, up-to-date or fit for specific purposes.</p> <p>1. A recombinant bacterium which has been transformed by a vector comprising first a nucleic acid sequence of bacterial or yeast origin coding for one or more riboflavin biosynthetic proteins and second one or more transcription elements which are not naturally associated but which are now transcriptionally linked with the nucleic acid sequence whereby a plurality of copies of said nucleic acid sequence including said transcription elements has been introduced at one or more sites within its chromosome and said nucleic acid sequence including said transcription elements is heritable and capable of expression by the bacterium such that the riboflavin biosynthesis by the bacterium is increased relative to a bacterium lacking the plurality of such nucleic acid sequence including said transcription elements.</p> <p>2. A recombinant bacterium according to claim 1 wherein said nucleic acid sequence of bacterial origin is derived from <i>Bacillus</i>, especially <i>Bacillus subtilis</i> or <i>B. coli</i>.</p> <p>3. A recombinant bacterium according to claim 1 or 2 wherein said nucleic acid sequence is coding for at least 5 riboflavin biosynthetic proteins.</p> <p>4. A recombinant bacterium according to any one of claims 1 to 3 which comprises one or two such transcription elements.</p> <p>5. A recombinant bacterium according to any one of claims 1 to 4 wherein said transcription element is a promoter.</p> <p>6. A recombinant bacterium according to claim 5 wherein said promoter is a promoter chosen from a promoter naturally associated with a gene from EPO1 bacteriophage, a promoter naturally associated with <i>veg</i>, <i>amy</i>, <i>amy</i>, and <i>apc</i>, and other transcription regulatory elements activated by the gene product of <i>saclD</i>.</p> <p>7. A recombinant bacterium according to any one of claims 1 to 6 wherein said nucleic acid sequence including said transcription elements has been introduced at one or two sites within its chromosome.</p> <p>8. A recombinant bacterium according to any one of claims 1 to 7 wherein said bacterium is designated for riboflavin gene expression.</p> <p>9. A recombinant bacterium according to any one of claims 1 to 8 wherein said bacterium is a <i>B. coli</i> or <i>Bacillus</i>, especially <i>Bacillus subtilis</i> strain.</p> <p>10. A process for the production of riboflavin characterized by growing a recombinant bacterium according to any one of claims 1 to 9 under suitable growth conditions.</p> <p>11. A process according to claim 10 wherein such suitable growth conditions are characterized by limiting the availability of a component of the growth medium in such a way that aerobic conditions for the growth of said recombinant bacterium are maintained.</p> <p>12. A process according to claim 11, wherein said component is chosen from a carbon source, nitrogen source or a component required by said recombinant bacterium.</p> <p>13. A process according to claim 12, wherein said component is glucose, or a carbonic acid.</p> <p>14. A process according to claim 11, wherein said limiting step comprises limiting introduction of said component in a feed medium.</p> <p>15. A process according to claim 14, wherein said component is glucose, or a carbonic acid.</p>	

Search Result list My patents list (0) Query history Settings Help

EP0405370 (B2) → US2018206540 (A1)

US2018206540 (A1)

Biographic data

Description

Claims

Abstract

Original document

Cited documents

Cling documents

INPADOC legal status

INPADOC patent family

Quick help

Translate this text into: Select language patenttranslate powered by EPO and Google

What is meant by high quality text as facsimile?

What happens if I click on 'In my patents list'?

What happens if I click on the 'Register' button?

What happens if I click on the red 'patent translate' button?

How can I view the claim structure?

Why are the claims sometimes in French or German or another language altogether?

How can I search in the text of the claims?

How can I view chemical structures in the full text?

What is Global Dossier?

Claims: US2018206540 (A1) — 2018-07-26

In my patents list: Report data error Print

LACTIC ACID BACTERIUM-CONTAINING FAT OR OIL COMPOSITION AND METHOD FOR MANUFACTURING SAME

Claims of US2018206540 (A1)

A high quality text as facsimile in your desired language may be available amongst the following family members:

US2018206540 (A1) EP20200206 (A1) JP202016194066 (A1) TW2017117794 (A1) WO2016194066 (A1)

Original claims	Claims free
<p>The EPO does not accept any responsibility for the accuracy of data and information originating from other authorities than the EPO. In particular, the EPO does not guarantee that they are complete, up-to-date or fit for specific purposes.</p> <p>1. A lactic acid bacterium-containing fat or oil composition containing a viable lactic acid bacterium.</p> <p>2. The lactic acid bacterium-containing fat or oil composition according to claim 1, wherein the lactic acid bacterium is one or more kinds selected from the group consisting of <i>Lactobacillus</i>, <i>Enterococcus</i>, <i>Bifidobacterium</i>, <i>Leuconostoc</i>, <i>Streptococcus</i>, <i>Lactococcus</i>, and <i>Pediococcus</i>.</p> <p>3. The lactic acid bacterium-containing fat or oil composition according to claim 1, wherein the lactic acid bacterium is one or more kinds selected from the group consisting of <i>Lactobacillus</i>, <i>Enterococcus</i>, <i>Bifidobacterium</i>, and <i>Leuconostoc</i>.</p> <p>4. The lactic acid bacterium-containing fat or oil composition according to claim 1, which contains from 1×10⁴ to 1×10¹² lactic acid bacteria/g.</p> <p>5. The lactic acid bacterium-containing fat or oil composition according to claim 1, which contains from 1×10⁴ to 1×10¹² lactic acid bacteria/g.</p> <p>6. The lactic acid bacterium-containing fat or oil composition according to claim 1, wherein the fat or oil composition is a chocolate.</p> <p>7. The lactic acid bacterium-containing fat or oil composition according to claim 1, further comprising a center material.</p> <p>8. The lactic acid bacterium-containing fat or oil composition according to claim 7, wherein the center material is an almond.</p> <p>9. The lactic acid bacterium-containing fat or oil composition according to claim 1, wherein a viable lactic acid bacterium is delivered to the intestine.</p> <p>10. A food containing the lactic acid bacterium-containing fat or oil composition according to claim 1.</p> <p>11. A food for delivering a viable lactic acid bacterium to the intestine, comprising the lactic acid bacterium-containing fat or oil composition according to claim 1.</p> <p>12. A method for manufacturing a lactic acid bacterium-containing chocolate, the method comprising adding lactic acid bacteria powder to a chocolate dough after tempering and before molding.</p> <p>13. The method for manufacturing a lactic acid bacterium-containing chocolate according to claim 12, wherein the temperature of the chocolate dough is from 27° C. to 31° C. when the lactic acid bacteria powder is added.</p> <p>14. The method for manufacturing a lactic acid bacterium-containing chocolate according to claim 12, wherein the temperature of the chocolate dough is from 25° C. to 30° C. when the lactic acid bacteria powder is added.</p> <p>15. A method for manufacturing a lactic acid bacterium-containing chocolate, the method comprising mixing a high concentration of lactic acid bacteria powder with a chocolate to manufacture a chocolate with a high lactic acid bacterium concentration, and adding the chocolate with a high lactic acid bacterium concentration to a chocolate dough after tempering and before molding.</p>	

The search report

[About Espacenet](#) [Other EPO online services](#)

[Search](#) [Result list](#) [My patents list \(0\)](#) [Query history](#) [Settings](#) [Help](#)

[Refine search](#) → [Results page 1](#) → [EP0405370 \(B2\)](#) → [Citations page 1](#) → [WO2010075960 \(A2\)](#) → Citations

WO2010075960 (A2)
 Bibliographic data
 Description
 Claims
 Mosaics
 Original document
Cited documents
 Citing documents
 INPADOC legal status
 INPADOC patent family

Cited documents: WO2010075960 (A2) — 2010-07-08

Select all (0/3) Compact Export (CSV | XLS) Download covers CCD Print

3 documents cited in relation to WO2010075960 (A2)

Sort by Sort order

Patents cited by the applicant

1. **Riboflavinoverproducing strains of bacteria.**

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
PERKINS JOHN B [US]	HOFFMANN LA ROCHE [CH]	C12N15/52 C12P25/00	C07H21/04 C12N1/21 C12N15/00	EP0405370 (A1) 1991-01-02 EP0405370 (B1) 2000-08-30 EP0405370 (B2) 2007-12-19	1989-06-22
PERO JANICE G [US] (+1)					

2. **PRODUCTION OF PANTOTHENATE USING MICROORGANISMS INCAPABLE OF SPORULATION**

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
PERKINS JOHN [CH] PRAGAI ZOLTAN [CH]	DSM IP ASSETS BV [NL] PERKINS JOHN [CH] (+1)	C12N3/00 C12P13/02	C12N1/21 C12N3/00 C12P13/02 (+4)	WO2004113510 (A2) 2004-1 WO2004113510 (A2) 2005-0	2003-06-18

3. **MODIFIED TRANSKETOLASE AND USE THEREOF**

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
LEHMANN MARTIN [DE]	DSM IP ASSETS BV [NL] LEHMANN MARTIN [DE]	C12N9/1022 C12P17/12 C12P25/00	C12N9/10 C12P25/00	WO2007051552 (A1) 2007-0	

Citations: Availability: Legal status: Terms of use: Last updated: 28.04.2017, Worldwide Database: 8.1.1.02




Espacenet search results on 04-08-2018 13:38

3 documents cited in relation to WO2010075960 (A2)
 Displaying selected publications

Publication	Title	Page
EP0405370 (A1)	Riboflavinoverproducing strains of ba...	2
WO2004113510 (A2)	PRODUCTION OF PANTOTHENATE USING MICR...	3
WO2007051552 (A1)	MODIFIED TRANSKETOLASE AND USE THEREOF	4

Legal status



Europäisches Patentamt
European Patent Office
Office européen des brevets

Espacenet
Patent search

Deutsch English Français
Contact
Change country ▾

◀ About Espacenet Other EPO online services ▾

Search Result list **★ My patents list (0)** Query history Settings Help

[Refine search](#) → [Results page 1](#) → [EP0405370 \(B2\)](#) → [Citations page 1](#) → [WO2010075960 \(A2\)](#)

WO2010075960 (A2)

- Bibliographic data
- Description
- Claims
- Mosaics
- Original document
- Cited documents
- Citing documents
- INPADOC legal status**
- INPADOC patent family

Quick help —

- [What happens if I click on "In my patents list"?](#)
- [What happens if I click on the "Register" button?](#)
- [What does "legal status" mean?](#)
- [Why is the legal status not always available?](#)
- [How might this information be useful to me?](#)
- [How reliable is this data?](#)
- [What is Global Dossier?](#)

INPADOC legal status: WO2010075960 (A2) — 2010-07-08

★ In my patents list Previous 1 / 36 ▶ Next ↗ EP Register ⓘ Report data error 🖨 Print

METHOD FOR PRODUCING RIBOFLAVIN

The EPO does not accept any responsibility for the accuracy of data and information originating from other authorities than the EPO; in particular, the EPO does not guarantee that they are complete, up-to-date or fit for specific purposes.

Legal status of WO2010075960 (A2) 2010-07-08; WO2010075960 (A3) 2010-09-10; WO2010075960 (A8) 2011-06-23:

WO	F	2009008987	W (Patent of invention)
Event date :	2010/08/25		
Event code :	121		
Code Expl.:	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION		
CC OF CORRESP. PAT. :	EP		
CORRESP. PATENT D. :	09796959		
KD OF CORRESP. PAT. :	A2		
Event date :	2011/06/08		
Event code :	WWE		
Code Expl.:	+ WIPO INFORMATION: ENTRY INTO NATIONAL PHASE		
CC OF CORRESP. PAT. :	JP		

Commercial relevance: technological impact (I)

[Suggested Sites](#) [Web Slice Gallery](#)

[About Espacenet](#) [Other EPO online services](#)

[Search](#) [Result list](#) [★ My patents list \(0\)](#) [Query history](#) [Settings](#) [Help](#)

[Refine search](#) → [Results page 1](#) → [EP0405370 \(B2\)](#) → Citations page 1

EP0405370 (B2)

- [Bibliographic data](#)
- [Description](#)
- [Claims](#)
- [Mosaics](#)
- [Original document](#)
- [Cited documents](#)
- Citing documents**
- [INPADOC legal status](#)
- [INPADOC patent family](#)

Quick help -

- [Can I export this list?](#)
- [What happens if I click on "Download covers"?](#)
- [What are citing documents?](#)
- [Why do some documents not have any citing documents?](#)
- [What happens if I click on the star icon?](#)

Citing documents: EP0405370 (B2) — 2007-12-19

Select all (0/25)
 Compact
 Export (CSV | XLS)
 Download covers
 Print

Approximately 36 document citing EP0405370 (B2) 1 ▶

Sort by Sort order

1. **METHOD FOR PRODUCING RIBOFLAVIN**

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
KIRCHNER FLORIAN [DE]	DSM IP ASSETS BV IN SILICO	C07K14/32 C12P25/00	C07K14/32 C12N15/31 C12P25/00	WO2010075960 (A2) 2010-07-08 WO2010075960 (A3) 2010-09-10 WO2010075960 (A8) 2011-06-23	2008-12-15

2. **Improved production of riboflavin**

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
LEHMANN MARTIN [DE]	DSM IP ASSETS BV [NL]	C07K14/32 C12N15/52 C12P25/00	C12N1/08 C12N15/75 C12P25/00	EP2186880 (A1) 2010-05-19	2008-11-07

3. **Riboflavin synthesis in yeast**

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
REVUELTA DOVAL JOSE LUIS [ES] SANTOS GARCIA MARIA ANGELES [ES] (+3)	BASF AG [DE]	C12N15/52 C12N9/00 C12N9/0004 (+3)	C12N1/15 C12N1/19 C12N1/21 (+14)	US6929933 (B1) 2005-08-16	1992-11-19

4. **Riboflavin-production process by means of micro-organisms with modified isocitratlyase activity**

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
KAESLER BRUNO [DE]	BASF AG [DE]	A23K20/174	A23K1/16	US5976844 (A)	1995-07-13

Commercial relevance: technological impact (II)

US4800159 (A)
Bibliographic data
Description
Claims
Mosaics
Original document
Cited documents
Citing documents
INPADOC legal status
INPADOC patent family

Quick help

- [Can I export this list?](#)
- [What happens if I click on "Download covers"?](#)
- [What are citing documents?](#)
- [Why do some documents not have any citing documents?](#)
- [What happens if I click on the star icon?](#)

Citing documents: US4800159 (A) — 1989-01-24

Select all (0/25) Compact Export (CSV | XLS) Download covers Print

Approximately 1,329 document citing US4800159 (A)
Only the first 500 results are displayed.

1 ▶ 248 (2010)

Results are sorted by date of upload in database

1. [Nucleic acid detection system and method for detecting influenza](#)

★ Inventor: CAI HONG [US] SONG JIAN [US]	Applicant: CAI HONG [US] SONG JIAN [US] (+1)	CPC: C12P19/34 C12Q1/68	IPC: C12P19/34 C12Q1/68	Publication info: US8980561 (B1) 2015-03-17	Priority date: 2006-08-22
---	--	--	--------------------------------------	--	-------------------------------------

839 (May 2012)

2. [Microfluidic device for cell separation and uses thereof](#)

★ Inventor: TONER MEHMET [US] TRUSKEY GEORGE [US] (+1)	Applicant: TONER MEHMET, TRUSKEY GEORGE, (+2)	CPC: B01L2200/0647 B01L2200/0668 B01L2300/0681 (+20)	IPC: B01L11/00 B01L3/00 C12M1/34 (+6)	Publication info: US2006134599 (A1) 2006-06-22 US8895298 (B2) 2014-11-25	Priority date: 2002-09-27
--	---	---	--	---	-------------------------------------

980 (Nov 2012)

3. [Oncolytic Farminqton rhabdovirus](#)

★ Inventor: STOJDL DAVID F [CA]	Applicant: OTTAWA HOSPITAL RES INST [CA]	CPC: A61K35/761 A61K35/763 A61K35/766 (+6)	IPC: A61K35/76 A61K35/761 A61K35/763 (+6)	Publication info: EP2839837 (A1) 2015-02-25	Priority date: 2006-09-15
---	--	---	--	--	-------------------------------------

1 269 (Oct 2014)

4. [Methods And Compositions For Detecting Aspergillus Terreus, Aspergillus Niger, And Mycotoxins](#)

★ Inventor: HOOPER DENNIS G [US]	Applicant: MEDICAL SERVICE CONSULTATION INTERNAT LLC [US]	CPC: C12Q1/6895 C12Q2561/113 C12Q2600/112	IPC: C12Q1/68	Publication info: US2014221504 (A1) 2014-08-07 US8956821 (B2) 2015-02-17	Priority date: 2013-02-06
--	---	---	-------------------------	---	-------------------------------------

1 329 (May 2015)

Commercial relevance: movers and shakers

Bibliographic data: US4800159 (A) — 1989-01-24

★ In my patents list ↗ EP Register 🗑️ Report data error

🖨️ Print


Process for amplifying, detecting, and/or cloning nucleic acid sequences

Page bookmark [US4800159 \(A\) - Process for amplifying, detecting, and/or cloning nucleic acid sequences](#)

Inventor(s): MULLIS KARY B [US]; ERlich HENRY A [US]; ARNHEIM NORMAN [US]; HORN GLENN T [US]; SAIKI RANDALL K [US]; SCHARF STEPHEN J [US] ±

Applicant(s): CETUS CORP [US] ±

صفحه اصلی سایت Espacenet



Europäisches Patentamt
European Patent Office
Office européen des brevets

Espacenet
Patent search

Deutsch English Français
Contact
Change country ▾

← About Espacenet Other EPO online services ▾

Search Result list My patents list (0) Query history Settings Help

Smart search
Advanced search
Classification search

Maintenance news —

Regular maintenance outages: scheduled between 05.00 and 05.30 hrs CET, Monday to Sunday.
→ [read more...](#)

News flashes +

Data coverage +

Related links +

Espacenet: free access to over 100 million patent documents

Smart search:

Improvement to the security of our online services

The EPO uses encryption protocols to enable secure access to our online services and to protect your information.

To improve security, we will be progressively ending support for older protocols, while minimising the impact on our users.

As of 18 June 2018, you will need TLS 1.2 to connect securely to our online services (a secure connection is indicated by "https" in your browser's address bar). Older protocols such as TLS 1.0 and 1.1 will be unavailable from this date on.

Please therefore make sure that you are using the latest version of your browser (recommended), or at least one of the following compatible versions.

For desktop browsers:

- Microsoft Internet Explorer: v11 or above
- Microsoft Edge: any version
- Google Chrome: v30 or above
- Mozilla Firefox: v27 or ESR 31 or above
- Apple Safari (Mac): v7 or above
- Opera: v12.18 or above

For mobile browsers:

- Apple Safari (iOS): v5 or above
- Google Android: v5 or above

Two interesting features

<https://worldwide.espacenet.com/>

Advanced search

Select the collection you want to search in

Worldwide - collection of published applications from 90+ countries

Enter your search terms - CTRL-ENTER expands the field you are in

Enter keywords in English

Title: plastic and bicycle

Title or abstract: hair

Enter numbers with or without country code

Publication number: WO2008014520

Application number: DE19971031696

Priority number: WO1995US15925

Enter one or more dates or date ranges

Publication date: yyyyymmdd

Enter name of one or more persons/organisations

Applicant(s): Institut Pasteur

Inventor(s): Smith

Enter one or more classification symbols

CPC

IPC H03M1/12

جستجوی پیشرفته

https://worldwide.espacenet.com/advancedSearch?locale=en_EP

جستجو به وسیله طبقه بندی پتنت ها (CPC Codes)

کلمات یا عبارات کلیدی

Cooperative Patent Classification

Search for

View section **Index** | A | B | C | D | E | F | G | H | Y

A»

Symbol	Classification and description
<input type="checkbox"/> A	HUMAN NECESSITIES
<input type="checkbox"/> B	PERFORMING OPERATIONS; TRANSPORTING <input type="button" value="i"/>
<input type="checkbox"/> C	CHEMISTRY; METALLURGY <input type="button" value="i"/>
<input type="checkbox"/> D	TEXTILES; PAPER
<input type="checkbox"/> E	FIXED CONSTRUCTIONS
<input type="checkbox"/> F	MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING ENGINES OR PUMPS <input type="button" value="i"/>
<input type="checkbox"/> G	PHYSICS <input type="button" value="i"/>
<input type="checkbox"/> H	ELECTRICITY <input type="button" value="i"/>
<input type="checkbox"/> Y	GENERAL TAGGING OF NEW TECHNOLOGICAL DEVELOPMENTS; GENERAL TAGGING OF CROSS-SECTIONAL TECHNOLOGIES SPANNING OVER SEVERAL SECTIONS OF THE IPC; TECHNICAL SUBJECTS COVERED BY FORMER USPC CROSS-REFERENCE ART COLLECTIONS [XRACs] AND DIGESTS <input type="button" value="i"/>

https://worldwide.espacenet.com/classification?locale=en_EP

کلیدواژه ها و جستجو از طریق CPC کدها

Cooperative Patent Classification

Search for

polypeptide antibody

Search

View section

Index

A

B

C

D

E

F

G

H

Y



A »

Symbol	Classification and description	
<input type="checkbox"/> A	HUMAN NECESSITIES	
<input type="checkbox"/> B	PERFORMING OPERATIONS; TRANSPORTING	
<input type="checkbox"/> C	CHEMISTRY; METALLURGY	
<input type="checkbox"/> D	TEXTILES; PAPER	
<input type="checkbox"/> E	FIXED CONSTRUCTIONS	
<input type="checkbox"/> F	MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING ENGINES OR PUMPS	
<input type="checkbox"/> G	PHYSICS	
<input type="checkbox"/> H	ELECTRICITY	
<input type="checkbox"/> Y	GENERAL TAGGING OF NEW TECHNOLOGICAL DEVELOPMENTS; GENERAL TAGGING OF CROSS-SECTIONAL TECHNOLOGIES SPANNING OVER SEVERAL SECTIONS OF THE IPC; TECHNICAL SUBJECTS COVERED BY FORMER USPC CROSS-REFERENCE ART COLLECTIONS [XRACs] AND DIGESTS	

کلیدواژه ها و جستجو از طریق CPC کدها

Cooperative Patent Classification

Search for

[View section](#) | [Index](#) | [A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [G](#) | [H](#) | [Y](#)



[A »](#)

Symbol	Classification and description
▼ ★★☆☆	<input type="checkbox"/> C07K 16/00 Immunoglobulins [IGs], e.g. monoclonal or polyclonal antibodies {(antibodies with enzymatic activity, e.g. abzymes C12N 9/0002)}
▼ ★★☆☆	<input type="checkbox"/> C07K 2317/00 Immunoglobulins specific features
▼ ★★☆☆	<input type="checkbox"/> A61K 39/00 Medicinal preparations containing antigens or antibodies (materials for immunoassay G01N 33/53)
▼ ★★☆☆	<input type="checkbox"/> C07K 14/00 Peptides having more than 20 amino acids; Gastrins; Somatostatins; Melanotropins; Derivatives thereof
▼ ★★☆☆	<input type="checkbox"/> G01N 33/00 Investigating or analysing materials by specific methods not covered by the preceding groups
▼ ★★☆☆	<input type="checkbox"/> C07K 2319/00 Fusion polypeptide
▼ ★★☆☆	<input type="checkbox"/> A61K 47/00 Medicinal preparations characterised by the non-active ingredients used, e.g. carriers, inert additives
▼ ★★☆☆	<input type="checkbox"/> A61K 45/00 Medicinal preparations containing active ingredients not provided for in groups A61K 31/00 to A61K 41/00
▼ ★★☆☆	<input type="checkbox"/> A61K 38/00 Medicinal preparations containing peptides (peptides containing beta-lactam rings A61K 31/00 ; cyclic dipeptides not having in their molecule any other peptide link than those which form their ring, e.g. piperazine-2,5-diones, A61K 31/00 ; ergot alkaloids of the cyclic peptide type A61K 31/48 ; containing macromolecular compounds having statistically distributed amino acid units A61K 31/74 ; medicinal preparations containing antigens or antibodies A61K 39/00 ; medicinal preparations characterised by the non-active ingredients, e.g. peptides as drug carriers, A61K 47/00)

نحوه استفاده از کدهای طبقه بندی در جستجو

Advanced search
Classification search

Search for Search View section | Index | A | B | C | D | E | F | G | H | Y |

Quick help

- [What is the Cooperative Patent Classification system?](#)
- [How do I enter classification symbols?](#)
- [What do the different buttons mean?](#)
- [Can I retrieve a classification using keywords?](#)
- [Can I start a new search using the classifications listed?](#)
- [Where can I view the description of a particular CPC class?](#)
- [What is the meaning of the stars in front of the classifications found?](#)
- [What does the text in brackets mean?](#)

Selected classifications

/low x

Clear


Find patents

Copy to search form

Search for polypeptid antibody Search View section | Index | A | B | C | D | E | F | G | H | Y |

« C07K14/00 C07K17/00 »

Symbol	Classification and description
★★★★ <input type="checkbox"/> C07K 16/00	Immunoglobulins [IGs], e.g. monoclonal or polyclonal antibodies {(antibodies with enzymatic activity, e.g. abzymes C12N 9/0002)}
<input type="checkbox"/> C07K 16/005	• {constructed by phage libraries}
<input type="checkbox"/> C07K 16/002	• from eggs
<input type="checkbox"/> C07K 16/004	• from milk
<input type="checkbox"/> C07K 16/006	• from serum
<input type="checkbox"/> C07K 16/065	•• {Purification, fragmentation}
<input type="checkbox"/> C07K 16/008	• against material from viruses
<input type="checkbox"/> C07K 16/081	•• {from DNA viruses}
<input type="checkbox"/> C07K 16/082	••• {Hepadnaviridae, e.g. hepatitis B virus}
<input type="checkbox"/> C07K 16/084	••• {Papovaviridae, e.g. papillomavirus, polyomavirus, SV40, BK virus, JC virus}
<input type="checkbox"/> C07K 16/085	••• {Herpetoviridae, e.g. pseudorabies virus, Epstein-Barr virus}
<input type="checkbox"/> C07K 16/087	•••• {Herpes simplex virus}
<input type="checkbox"/> C07K 16/088	••••• {Varicella-zoster virus, e.g. cytomegalovirus}
<input type="checkbox"/> C07K 16/10	•• from RNA viruses {, e.g. hepatitis E virus}
<input type="checkbox"/> C07K 16/1009	••• {Picornaviridae, e.g. hepatitis A virus}
<input type="checkbox"/> C07K 16/1018	••• {Orthomyxoviridae, e.g. influenza virus}
<input type="checkbox"/> C07K 16/1027	••• {Paramyxoviridae, e.g. respiratory syncytial virus}
<input type="checkbox"/> C07K 16/1036	••• {Retroviridae, e.g. leukemia viruses}
<input type="checkbox"/> C07K 16/1045	•••• {Lentiviridae, e.g. HIV, FIV, SIV}
<input type="checkbox"/> C07K 16/1054	••••• {gag-pol, e.g. p17, p24}
<input type="checkbox"/> C07K 16/1063	••••• {env, e.g. gp41, gp110/120, gp180, V3, PND, CD4 binding site}
<input type="checkbox"/> C07K 16/1072	••••• {Regulatory proteins, e.g. tat, rev, vpt}
<input type="checkbox"/> C07K 16/1081	••••• {Togaviridae, e.g. flavivirus, rubella virus, hog cholera virus}
<input checked="" type="checkbox"/> C07K 16/109	••••• {Hepatitis C virus; Hepatitis G virus}
<input type="checkbox"/> C07K 16/12	• against material from bacteria
<input type="checkbox"/> C07K 16/1203	•• {from Gram-negative bacteria}



نمادها و جستجو از طریق CPC کدها

Cooperative Patent Classification

Search for

A63C17

Search

View section

Index

A

B

C

D

E

F

G

H

Y



A »

Symbol	Classification and description	
<input type="checkbox"/> A	HUMAN NECESSITIES	
<input type="checkbox"/> B	PERFORMING OPERATIONS; TRANSPORTING	
<input type="checkbox"/> C	CHEMISTRY; METALLURGY	
<input type="checkbox"/> D	TEXTILES; PAPER	
<input type="checkbox"/> E	FIXED CONSTRUCTIONS	
<input type="checkbox"/> F	MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING ENGINES OR PUMPS	
<input type="checkbox"/> G	PHYSICS	
<input type="checkbox"/> H	ELECTRICITY	
<input type="checkbox"/> Y	GENERAL TAGGING OF NEW TECHNOLOGICAL DEVELOPMENTS; GENERAL TAGGING OF CROSS-SECTIONAL TECHNOLOGIES SPANNING OVER SEVERAL SECTIONS OF THE IPC; TECHNICAL SUBJECTS COVERED BY FORMER USPC CROSS-REFERENCE ART COLLECTIONS [XRACs] AND DIGESTS	

نمادها و جستجو از طریق CPC کدها

Cooperative Patent Classification

Search for

a63c17

Search

View section

Index

A

B

C

D

E

F

G

H

Y



« A63C13/00

A63C19/00 »

Symbol	Classification and description	
<input checked="" type="checkbox"/> A	HUMAN NECESSITIES	S
Health; amusement		
<input type="checkbox"/> A63	SPORTS; GAMES; AMUSEMENTS	
<input type="checkbox"/> A63C	SKATES; SKIS; ROLLER SKATES; DESIGN OR LAYOUT OF COURTS, RINKS OR THE LIKE (devices for underwater sports A63B 31/00 , A63B 33/00 , B63C 11/00 ; devices for gliding on water, e.g. water skis, B63B 35/79 , B63B 35/81 , B63B 35/83)	S D I
Skis; Accessories for skiing		
<input type="checkbox"/> A63C 17/00	Roller skates; Skate-boards	D
<input type="checkbox"/> A63C 17/0006	• {Accessories}	
<input type="checkbox"/> A63C 17/0013	• • {Devices used in combination with the skate but not fixed to it, e.g. supporting frames, sail, sticks, auxiliary wheel aid B62D 51/06 Uniaxle walk-type tractors}	D
<input type="checkbox"/> A63C 17/002	• • {Covers; Guards}	
<input type="checkbox"/> A63C 17/0026	• {Roller skates used otherwise than standing or sitting on them, e.g. body skates}	
<input type="checkbox"/> A63C 17/0033	• with a castor wheel, i.e. a swiveling follow-up wheel	
<input type="checkbox"/> A63C 17/004	• with auxiliary wheels not contacting the riding surface during steady riding	
<input type="checkbox"/> A63C 17/0046	• {with shock absorption or suspension system}	
<input type="checkbox"/> A63C 2017/0053	• {with foot plate quick release or shoe binding}	
<input type="checkbox"/> A63C 17/006	• {with wheels of different size or type}	
<input type="checkbox"/> A63C 17/0066	• {with inclined wheel, i.e. not perpendicular to the surface it rolls on}	
<input type="checkbox"/> A63C 17/0073	• {with offset wheel, i.e. wheel contact point to surface offset from other associated wheel}	
<input type="checkbox"/> A63C 17/008	• {with retractable wheel, i.e. movable relative to the chassis out of contact from surface}	
<input type="checkbox"/> A63C 17/0086	• {Roller skates adjustable in length to fit the size of the foot}	
<input type="checkbox"/> A63C 17/0093	• {Mechanisms transforming leaning into steering through an inclined geometrical axis, e.g. truck (A63C 17/011 takes precedence)}	D
<input type="checkbox"/> A63C 17/01	• Skateboards (A63C 17/02 to A63C 17/28 take precedence; { rolling devices on skis A63C 5/035 })	D
Skis; Accessories for skiing		
<input type="checkbox"/> A63C 17/00	Roller skates; Skate-boards	
<input type="checkbox"/> A63C 17/12	• with driving mechanisms	

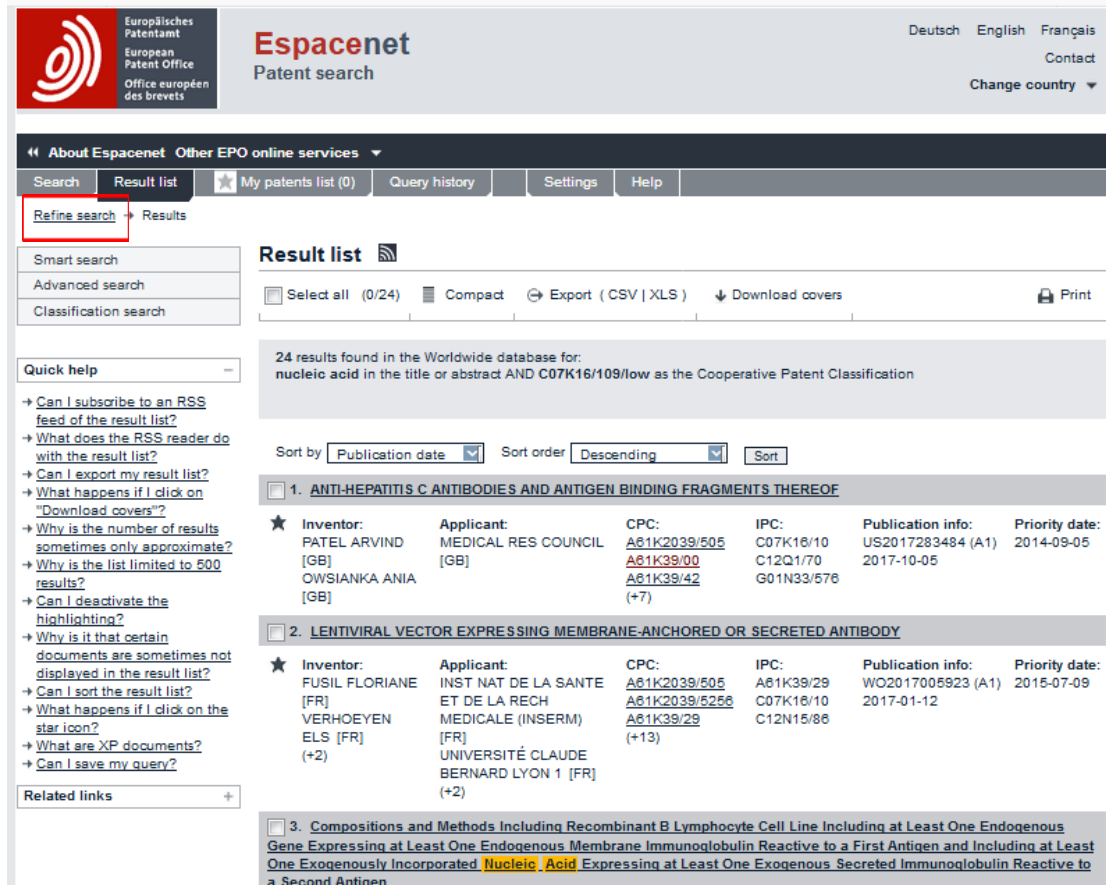
طبقه بندی CPC :

- کلمات یا عبارات کلیدی
- " Concept Search "
- امکان آماده سازی آفلاین

اصول جستجو:

- یافتن مناسبترین CPC کد با بیشترین ارتباط به موضوع
- کپی برداری از کد و افزودن آن در بخش جستجوی پیشرفته
- بهبود جستجو با استفاده از کلیدواژه ها
- استفاده از عبارات دیگر و اختصاصی نمودن جستجو

مسیریابی جستجو از طریق مجموعه ای از اطلاعات به هم پیوسته



Europäisches Patentamt
European Patent Office
Office européen des brevets

Espacenet
Patent search

Deutsch English Français
Contact
Change country ▾

← About Espacenet Other EPO online services ▾

Search Result list My patents list (0) Query history Settings Help

Refine search → Results

Smart search
Advanced search
Classification search

Quick help

- Can I subscribe to an RSS feed of the result list?
- What does the RSS reader do with the result list?
- Can I export my result list?
- What happens if I click on "Download covers"?
- Why is the number of results sometimes only approximate?
- Why is the list limited to 500 results?
- Can I deactivate the highlighting?
- Why is it that certain documents are sometimes not displayed in the result list?
- Can I sort the result list?
- What happens if I click on the star icon?
- What are XP documents?
- Can I save my query?

Related links +

Result list

Select all (0/24) Compact Export (CSV | XLS) Download covers Print

24 results found in the Worldwide database for:
nucleic acid in the title or abstract AND C07K16/109/low as the Cooperative Patent Classification

Sort by Publication date Sort order Descending Sort

1. ANTI-HEPATITIS C ANTIBODIES AND ANTIGEN BINDING FRAGMENTS THEREOF

Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
★ PATEL ARVIND [GB]	MEDICAL RES COUNCIL [GB]	A61K2039/505 A61K39/00	C07K16/10 C12Q1/70	US2017283484 (A1) 2017-10-05	2014-09-05
OWSIANKA ANIA [GB]		A61K39/42 (+7)	G01N33/576		

2. LENTIVIRAL VECTOR EXPRESSING MEMBRANE-ANCHORED OR SECRETED ANTIBODY

Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
★ FUSIL FLORIANE [FR]	INST NAT DE LA SANTE ET DE LA RECH	A61K2039/505 A61K2039/5256	A61K39/29 C07K16/10	WO2017005923 (A1) 2017-01-12	2015-07-09
VERHOEYEN ELS [FR]	MEDICALE (INSERM) [FR]	A61K39/29 (+13)	C12N15/86		
(+2)	UNIVERSITÉ CLAUDE BERNARD LYON 1 [FR]	(+2)			

3. Compositions and Methods Including Recombinant B Lymphocyte Cell Line Including at Least One Endogenous Gene Expressing at Least One Endogenous Membrane Immunoglobulin Reactive to a First Antigen and Including at Least One Exogenously Incorporated Nucleic Acid Expressing at Least One Exogenous Secreted Immunoglobulin Reactive to a Second Antigen

از دکمه **Back** همیشه می توانید برای بازگشت به صفحه قبل استفاده کنید
نه برای اصلاح و بهسازی جستجو!



← About Espacenet Other EPO online services ▼

Search Result list ★ My patents list (0) Query history Settings Help

Refine search → Results → WO2017005923 (A1)

WO2017005923 (A1)

Bibliographic data

Description

Claims

Mosaics

Original document

Cited documents

Citing documents

INPADOC legal status

INPADOC patent family

Quick help

- [What is meant by high quality text as facsimile?](#)
- [What does A1, A2, A3 and B stand for after a European publication number?](#)
- [What happens if I click on "In my patents list"?](#)
- [What happens if I click on the "Register" button?](#)
- [Why are some sidebar options deactivated for certain documents?](#)
- [How can I bookmark this page?](#)
- [Why does a list of documents with the heading "Also published as" appear?](#)

Bibliographic data: WO2017005923 (A1) — 2017-01-12

★ In my patents list Previous ◀ 2 / 24 ▶ Next ▶ EP Register Report data error Print

LENTIVIRAL VECTOR EXPRESSING MEMBRANE-ANCHORED OR SECRETED ANTIBODY

Page bookmark [WO2017005923 \(A1\) - LENTIVIRAL VECTOR EXPRESSING MEMBRANE-ANCHORED OR SECRETED ANTIBODY](#)

Inventor(s): FUSIL FLORIANE [FR]; VERHOEYEN ELS [FR]; DEFRANCE THIERRY [FR]; COSSET FRANÇOIS-LOÏC [FR] ±

Applicant(s): INST NAT DE LA SANTE ET DE LA RECH MEDICALE (INSERM) [FR]; UNIVERSITÉ CLAUDE BERNARD LYON 1 [FR]; CENTRE NAT RECH SCIENT [FR]; ECOLE NORMALE SUPERIEURE LYON [FR] ±

Classification: - international: [A61K39/29](#); [C07K16/10](#); [C12N15/86](#)

- cooperative: [A61K39/29](#); [C07K16/00](#); [C07K16/109](#); [C12N15/86](#); [A61K2039/505](#); [A61K2039/5256](#); [C07K2317/10](#); [C07K2317/76](#); [C07K2319/03](#); [C12N2740/15043](#); [C12N2810/8054](#); [C12N2830/008](#); [C12N2830/20](#); [C12N2830/42](#); [C12N2830/48](#); [C12N2830/50](#)

Application number: WO2016EP66349 20160708 ⓘ Global Dossier

Priority number(s): [EP20150306132](#) 20150709

Also published as: [EP3320099 \(A1\)](#)

Abstract of WO2017005923 (A1)

Translate this text into ⓘ

Select language ▼

patenttranslate powered by EPO and Google

ذخیره و دانلود اطلاعات پتنت



Europäisches Patentamt
European Patent Office
Office européen des brevets

Espacenet
Patent search

Deutsch English Français

Contact

Change country ▼

◀ About Espacenet Other EPO online services ▼

Search

Result list

★ My patents list (1)

Query history

Settings

Help

WO2017005923 (A1)

WO2017005923 (A1)

Bibliographic data

Description

Claims

Mosaics

Original document

Cited documents

Citing documents

INPADOC legal status

INPADOC patent family

Quick help

- [What is meant by high quality text as facsimile?](#)
- [What does A1, A2, A3 and B stand for after a European publication number?](#)
- [What happens if I click on "In my patents list"?](#)
- [What happens if I click on the "Register" button?](#)
- [Why are some sidebar options deactivated for certain documents?](#)
- [How can I bookmark this page?](#)
- [Why does a list of documents with the heading "Also published as" sometimes](#)

Bibliographic data: WO2017005923 (A1) — 2017-01-12

★ In my patents list

EP Register

Report data error

Print

LENTIVIRAL VECTOR EXPRESSING MEMBRANE-ANCHORED OR SECRETED ANTIBODY

Page bookmark [WO2017005923 \(A1\) - LENTIVIRAL VECTOR EXPRESSING MEMBRANE-ANCHORED OR SECRETED ANTIBODY](#)

Inventor(s): FUSIL FLORIANE [FR]; VERHOEYEN ELS [FR]; DEFRANCE THIERRY [FR]; COSSET FRANÇOIS-LOÏC [FR] ±

Applicant(s): INST NAT DE LA SANTE ET DE LA RECH MEDICALE (INSERM) [FR]; UNIVERSITÉ CLAUDE BERNARD LYON 1 [FR]; CENTRE NAT RECH SCIENT [FR]; ECOLE NORMALE SUPERIEURE LYON [FR] ±

Classification: - international: [A61K39/29](#); [C07K16/10](#); [C12N15/86](#)

- cooperative: [A61K39/29](#); [C07K16/00](#); [C07K16/109](#); [C12N15/86](#); [A61K2039/505](#); [A61K2039/5256](#); [C07K2317/10](#); [C07K2317/76](#); [C07K2319/03](#); [C12N2740/15043](#); [C12N2810/6054](#); [C12N2830/008](#); [C12N2830/20](#); [C12N2830/42](#); [C12N2830/48](#); [C12N2830/50](#)

Application number: WO2016EP66349 20160708 [Global Dossier](#)

Priority number(s): [EP20150306132](#) 20150709

Also published as: [EP3320099 \(A1\)](#)

Abstract of WO2017005923 (A1)

Translate this text into ⓘ


Select language



patenttranslate

powered by EPO and Google

ذخیره و دانلود اطلاعات پتنت ها



Europäisches Patentamt
European Patent Office
Office européen des brevets

Deutsch English Français
Contact
Change country ▾

← About Espacenet Other EPO online services ▾

Search **Result list** ★ My patents list (1) Query history Settings Help

[Refine search](#) → Results


Smart search
Advanced search
Classification search

Quick help -

- [Can I subscribe to an RSS feed of the result list?](#)
- [What does the RSS reader do with the result list?](#)
- [Can I export my result list?](#)
- [What happens if I click on "Download covers"?](#)
- [Why is the number of results sometimes only approximate?](#)
- [Why is the list limited to 500 results?](#)
- [Can I deactivate the highlighting?](#)
- [Why is it that certain documents are sometimes not displayed in the result list?](#)
- [Can I sort the result list?](#)
- [What happens if I click on the star icon?](#)
- [What are XP documents?](#)
- [Can I save my query?](#)

Related links +

Result list

Select all (0/24) Compact **Export (CSV | XLS)** ↓ Download covers  Print

24 results found in the Worldwide database for:
nucleic acid in the title or abstract AND C07K16/109/low as the Cooperative Patent Classification

Sort by Sort order

1. **ANTI-HEPATITIS C ANTIBODIES AND ANTIGEN BINDING FRAGMENTS THEREOF**


★	Inventor: PATEL ARVIND [GB] OWSIANKA ANIA [GB]	Applicant: MEDICAL RES COUNCIL [GB]	CPC: A61K2039/505 A61K39/00 A61K39/42 (+7)	IPC: C07K16/10 C12Q1/70 G01N33/576	Publication info: US2017283484 (A1) 2017-10-05	Priority date: 2014-09-05
---	---	--	---	--	---	-------------------------------------

2. **LENTIVIRAL VECTOR EXPRESSING MEMBRANE-ANCHORED OR SECRETED ANTIBODY**

★	Inventor: FUSIL FLORIANE [FR] VERHOEYEN ELS [FR] (+2)	Applicant: INST NAT DE LA SANTE ET DE LA RECH MEDICALE (INSERM) [FR] UNIVERSITÉ CLAUDE BERNARD LYON 1 [FR] (+2)	CPC: A61K2039/505 A61K2039/5256 A61K39/29 (+13)	IPC: A61K39/29 C07K16/10 C12N15/86	Publication info: WO2017005923 (A1) 2017-01-12	Priority date: 2015-07-09
---	---	---	--	--	---	-------------------------------------

3. **Compositions and Methods Including Recombinant B Lymphocyte Cell Line Including at Least One Endogenous Gene Expressing at Least One Endogenous Membrane Immunoglobulin Reactive to a First Antigen and Including at Least One Exogenously Incorporated Nucleic Acid Expressing at Least One Exogenous Secreted Immunoglobulin Reactive to a Second Antigen**

ذخیره و دانلود اطلاعات پتنت ها



Europäisches Patentamt
European Patent Office
Office européen des brevets

Deutsch English Français
Contact
Change country ▾

← About Espacenet Other EPO online services ▾

Search **Result list** ★ My patents list (1) Query history Settings Help

Refine search → Results

Smart search
Advanced search
Classification search

Result list 📡

Select all (24/24) Compact Export (CSV | XLS) Download covers Print

24 results found in the Worldwide database for:
nucleic acid in the title or abstract AND C07K16/109/low as the Cooperative Patent Classification

Sort by Publication date Sort order Descending Sort

1. **ANTI-HEPATITIS C ANTIBODIES AND ANTIGEN BINDING FRAGMENTS THEREOF**

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
PATEL ARVIND [GB]	MEDICAL RES COUNCIL [GB]	A61K2039/505 A61K39/00 A61K39/42 (+7)	C07K16/10 C12Q1/70 G01N33/576	US2017283484 (A1) 2017-10-05	2014-09-05
OWSIANKA ANIA [GB]					

2. **LENTIVIRAL VECTOR EXPRESSING MEMBRANE-ANCHORED OR SECRETED ANTIBODY**

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
FUSIL FLORIANE [FR]	INST NAT DE LA SANTE ET DE LA RECH VERHOEYEN ELS [FR] (+2)	A61K2039/505 A61K2039/5258 A61K39/29 (+13)	A61K39/29 C07K16/10 C12N15/86	WO2017005923 (A1) 2017-01-12	2015-07-09
UNIVERSITÉ CLAUDE BERNARD LYON 1 [FR] (+2)					

3. **Compositions and Methods Including Recombinant B Lymphocyte Cell Line Including at Least One Endogenous Gene Expressing at Least One Endogenous Membrane Immunoglobulin Reactive to a First Antigen and Including at Least One Exogenously Incorporated Nucleic Acid Expressing at Least One Exogenous Secreted Immunoglobulin Reactive to a Second Antigen**

Quick help

- Can I subscribe to an RSS feed of the result list?
- What does the RSS reader do with the result list?
- Can I export my result list?
- What happens if I click on "Download covers"?
- Why is the number of results sometimes only approximate?
- Why is the list limited to 500 results?
- Can I deactivate the highlighting?
- Why is it that certain documents are sometimes not displayed in the result list?
- Can I sort the result list?
- What happens if I click on the star icon?
- What are XP documents?
- Can I save my query?

Related links +

ذخیره و دانلود اطلاعات پتنت ها

Espacenet verification - Windows Internet Explorer ...

http://worldwide.espacenet.com/captchaChallengeController?

Espacenet verification


Please enter the digits that can be read in the image below:


3 1777 1

[Close this window](#)

File Download

Do you want to open or save this file?

 Name: Espacenet+my+patents+list_141020110945.pdf
Type: Adobe Acrobat Document
From: **worldwide.espacenet.com**

 While files from the Internet can be useful, some files can potentially harm your computer. If you do not trust the source, do not open or save this file.

ذخیره و داندود اطلاعات پنت ها



Espacenet search results on 06-08-2018 09:17

Displaying selected publications

Publication	Title	Page
US2017283484 (A1)	ANTI-HEPATITIS C ANTIBODIES AND ANTIG...	2
WO2017005923 (A1)	LENTIVIRAL VECTOR EXPRESSING MEMBRANE...	3
US2015283177 (A1)	Compositions and Methods Including Re...	4
US2015203572 (A1)	Compositions and Methods Including Re...	5
HK1156352 (A1)	NUCLEIC ACID CONTAINING CHIMERIC GENE...	6
CN104126008 (A)	Nucleic acid construct including nucl...	7
US2014302082 (A1)	NUCLEIC ACID CONSTRUCT COMPRISING NUC...	8
CA2851807 (A1)	NUCLEIC ACID CONSTRUCT CONTAINING FU...	9
US2012088718 (A1)	HCV-DERIVED POLYPEPTIDES AND USES THE...	10
RU2010129429 (A)	HEPATITIS C VIRUS ANTIBODIES	11
RU2009136812 (A)	CD3-EPSILON-BINDING DOMAIN HAVING INT...	12
US2009252745 (A1)	Amino acids in the HCV core polypeptl...	13
US2002010445 (A1)	HUMAN MONOCLONAL ANTIBODIES SPECIFIC ...	14
US6538114 (B1)	Human monoclonal antibodies specific ...	15
US6558898 (B1)	Non-A, non-B, non-C, non-D, non-	16
US6051374 (A)	Non-A, non-B, non-C, non-D, non-	17
US2002069805 (A1)	Synthetic hcv envelope proteins and t...	18
US2004214994 (A1)	Human recombinant antibody against th...	19
US5843450 (A)	Hepatitis GB Virus synthetic peptides...	20
US6451578 (B1)	Non-A, non-B, non-C, non-D, non-	21
US6586568 (B1)	Non-A, non-B, non-C, non-D, non-	22
US2002119447 (A1)	NON-A, NON-B, NON-C, NON-C, NON-D, NON-	23
WO9521922 (A2)	NON-A, NON-B, NON-C, NON-D, NON-	24
JPH02167081 (A)	GENOME RNA OF HEPATITIS VIRUS OF NON-...	25

انتشار اطلاعات حاصل از جستجو

Refine search → Results

Smart search

Advanced search

Classification search

Result list

Select all (32)

Compact

Export (CSV | XLS)

Download covers

Print

Quick help

- Can I subscribe to an RSS feed of the result list?
- What does the RSS reader do with the result list?
- Can I export my result list?
- What happens if I click on "Download covers"?
- Why is the number of results sometimes only approximate?
- Why is the list limited to 500 results?
- Can I deactivate the highlighting?
- Why is it that certain documents are sometimes not displayed in the result list?
- Can I sort the result list?
- What happens if I click on the star icon?
- What are XP documents?
- Can I save my query?

Related links

24 results found in the Worldwide database for:
nucleic acid in the title or abstract AND C07K16/109/low as the Cooperative Patent Classification

Sort by Sort order

1. ANTI-HEPATITIS C ANTIBODIES AND ANTIGEN BINDING FRAGMENT S THEREOF

★ Inventor: RATEL ARVIND [GB] OWSIANKA ANIA [GB]
Applicant: MEDICAL RES COUNCIL [GB]
CPC: A61K2039/505 A61K39/00 A61K39/42 (+7)
IPC: C07K16/10 C12Q1/70 G01N33/576
Publication info: US2011283484 (A1) 2017-10-05
Priority date: 2014-09-05

2. LENTIVIRAL VECTOR EXPRESSING MEMBRANE-ANCHORED OR SECRETED ANTIBODY

★ Inventor: FUSIL FLORIANE [FR] VERHOEYEN ELS [FR]
Applicant: INST NAT DE LA SANTE ET DE LA RECH MEDICALE (INSERM) [FR] UNIVERSITÉ CLAUDE BERNARD LYON 1 [FR]
CPC: A61K2039/505 A61K2039/5256 A61K39/29 (+13)
IPC: A61K39/29 C
Publication info: WO20117005923 (A1) 2015-07-09

Subscribe to this feed using Live Bookmarks

Always use Live Bookmarks to subscribe to feeds.

Subscribe Now

3. Compositions and Methods Including Recombinant B Lymphocyte Cell Line Including at Least One Endogenous Membrane Immunoglobulin Reactive to a First Antigen and Including at Least One Exogenous Secreted Immunoglobulin Incorporated Nucleic Acid Expressing at Least One Exogenous Secreted Immunoglobulin

★ Inventor: HYDE RODERICK A [US] KINDSVOGEL WAYNE R [US]
Applicant: EUVHA LLC [US]
CPC: A61K2039/5156 A61K2039/6012 A61K2039/6081 (+14)
IP: AI AI C C

Espacenet search results - nucleic acid in the title or abstract | C07K16/109/low as the Cooperative Patent Classification

24 results found in the Worldwide database

[ANTI-HEPATITIS C ANTIBODIES AND ANTIGEN BINDING FRAGMENTS THEREOF](#)

Thursday, October 10, 2013 3:30 PM

[LENTIVIRAL VECTOR EXPRESSING MEMBRANE-ANCHORED OR SECRETED ANTIBODY](#)

Thursday, January 12, 2011 3:30 PM

4. Compositions and Methods Including Recombinant B Lymphocyte Cell Line Including at Least One Endogenous Membrane Immunoglobulin Reactive to a First Antigen and Including at Least One Exogenous Secreted Immunoglobulin Reactive to a Second Antigen

★ Inventor: HYDE RODERICK A [US] KINDSVOGEL WAYNE R [US]
Applicant: EUVHA LLC [US]
CPC: A61K2039/505 A61K2039/5156 A61K39/00 (+12)
IP: AI AI C C

[Compositions and Methods Including Recombinant B Lymphocyte Cell Line Including at Least One Endogenous Gene Expressing at Least One Endogenous Membrane Immunoglobulin Reactive to a First Antigen and Including at Least One Exogenously Incorporated Nucleic Acid Expressing at Least One Exogenous Secreted Immunoglobulin Reactive to a Second Antigen](#)

Thursday, October 10, 2013 3:30 PM

[Compositions and Methods Including Recombinant B Lymphocyte Cell Line Including an Exogenously Incorporated Nucleic Acid Expressing an Exogenous Membrane Immunoglobulin Reactive to a First Antigen and Including an Endogenous Gene Expressing an Endogenous Secreted Immunoglobulin Reactive to a Second Antigen](#)

Thursday, July 22, 2011 4:30 PM

[NUCLEIC ACID CONTAINING CHIMERIC GENE DERIVED FROM HEPATITIS C VIRUS](#)

Friday, November 07, 2008 3:30 PM

[Nucleic acid construct including nucleic acid derived from genotype 2\(alphal\) HCV genome](#)

Wednesday, October 26, 2011 3:30 PM

[NUCLEIC ACID CONSTRUCT COMPRISING NUCLEIC ACID DERIVED FROM GENOME OF HEPATITIS C VIRUS OF GENOTYPE 1B, HEPATITIS C VIRUS GENOME-REPLICATING CELLS TRANSFECTED WITH THE SAME, AND METHOD FOR PRODUCING INFECTIOUS HEPATITIS C VIRUS PARTICLES](#)

Thursday, October 18, 2014 3:30 PM

[NUCLEIC ACID CONSTRUCT CONTAINING FULL LENGTH GENOME OF HUMAN HEPATITIS C VIRUS, RECOMBINANT FULL LENGTH VIRUS GENOME-REPLICATING CELLS HAVING THE NUCLEIC ACID CONSTRUCT TRANSFERRED THEREINTO AND METHOD OF PRODUCING HEPATITIS C VIRUS PARTICLE](#)

Thursday, September 10, 2009 4:30 PM

[HCV-DERIVED POLYPEPTIDES AND USES THEREOF](#)

Thursday, April 12, 2012 4:30 PM

[HEPATITIS C VIRUS ANTIBODIES](#)

Friday, January 27, 2012 3:30 PM

[CD3-EPSILON-BINDING DOMAIN HAVING INTERSPECIES SPECIFICITY](#)


Tuesday, May 12, 2014 4:30 PM

[Amino acids in the HCV core polypeptide domain 3 and correlation with steatosis](#)

Thursday, October 08, 2009 3:30 PM

[HUMAN MONOCLONAL ANTIBODIES SPECIFIC FOR HEPATITIS C VIRUS \(HCV\) ANTIGEN](#)

انتشار اطلاعات حاصل از جستجو


Espacenet
 Patent search

Deutsch English Français
 Contact
 Change country

About Espacenet Other EPO online services

Search Result list My patents list (1) Query history Settings Help

Refine search → Results

Smart search
 Advanced search
 Classification search

Quick help

Can I subscribe to an RSS feed of the result list?
 What does the RSS reader do with the result list?
 Can I export my result list?
 What happens if I click on "Download covers"?
 Why is the number of results sometimes only approximate?
 Why is the list limited to 500 results?
 Can I deactivate the highlighting?
 Why is it that certain documents are sometimes not displayed in the result list?
 Can I sort the result list?
 What happens if I click on the star icon?
 What are XP documents?
 Can I save my query?

Related links

Result list

Select all (22/24) Compact

24 results found in the Worldwide database for:
 nucleic acid in the title or abstract AND C07K16/105/low as the Cooperative Patent Classification

Sort by: Publication date Sort order: Descending

Publication number	Publication date	Patent / OVHM
US2017263484 (A1)	2017-10-05	PATEL / OVHM
US2015203172 (A1); US2015203173 (A1)	2015-07-23	HYDE R KINGDY
US156355 (A1)	2014-01-01	AKAZA / NAMTU

1. ANTI-HEPATITIS C ANTIBODIES AND ANTIGEN BINDING FRAGMENTS THEREOF
 ★ Inventor: PATEL ARVIND [GB] Applicant: MEDICAL RES COUNCIL [GB] CPC: A61K2039/505 A61K39/00 A61K39/42 (+7)

2. LENTIVIRAL VECTOR EXPRESSING MEMBRANE-ANCHORED OR SECRETED ANTIGEN
 ★ Inventor: FUSIL FLORIANE [FR] Applicant: INST NAT DE LA SANTE ET DE LA RECH MEDICALE (INSERM) [FR] CPC: A61K2039/505 A61K2039/5256 A61K39/29 (+13)

3. Compositions and Methods Including Recombinant B Lymphocyte Cell Line in Expressing at Least One Endogenous Membrane Immunoglobulin Reactive to a First Antigen and Including an Endogenous Secreted Immunoglobulin Reactive to a Second Antigen
 ★ Inventor: HYDE RODERICK A [US] Applicant: ELI LILLY LLC [US] CPC: A61K2039/5156 A61K2039/5012 A61K2039/5081 (+14)

4. Compositions and Methods Including Recombinant B Lymphocyte Cell Line in Expressing an Exogenous Membrane Immunoglobulin Reactive to a First Antigen and Including an Endogenous Secreted Immunoglobulin Reactive to a Second Antigen
 ★ Inventor: Applicant: CPC:



Smart search

Advanced search

Classification search

Quick help

→ [If I change my settings on one computer, will they be transferred to another?](#)

→ [Do I need to enable cookies on my PC?](#)

Settings

1. Enable query history

Tick the box to enable the query history


Number of query history entries to save:

2. Enable classification popups

The pop-up is available on search results list, bibliographic view and classification search

3. Enable highlighting

Tick the box to activate the highlighting of search terms



Europäisches Patentamt
European Patent Office
Office européen des brevets

Espacenet

Patent search

Deutsch English Français
Contact
Change country ▾

← About Espacenet Other EPO online services ▾

Search Result list **★ My patents list (1)** Query history Settings Help

Smart search
Advanced search
Classification search

Quick help —
→ [How do I activate the query history?](#)
→ [How long will my query history be saved for?](#)
→ [Is there a limit to the number of queries that can be saved?](#)

Query history

Select all Compact

1 item in query history list

1. [nucleic acid, C07K16/109/low](#)
nucleic acid in the title or abstract AND C07K16/109/low as the Cooperative Patent Classification
24 results found in the Worldwide database on Mon, 06 Aug 2018 09:55

فعال سازی نمایش Pop-Up ها و Highlight ها



Espacenet
Patent search

Deutsch English Français

Contact

Change country ▾

← About Espacenet Other EPO online services ▾

Search

Result list

★ My patents list (1)

Query history

Settings

Help

[Refine search](#) → Results

Smart search

Advanced search

Classification search

Quick help

→ [If I change my settings on one computer, will they be transferred to another?](#)

→ [Do I need to enable cookies on my PC?](#)

Settings

1. Enable query history

Tick the box to enable the query history

Number of query history entries to save:

2. Enable classification popups

The pop-up is available on search results list, bibliographic view and classification search

3. Enable highlighting

Tick the box to activate the highlighting of search terms

تمرین ۱

پتنت متعلق به EP6000000 را در Espacenet بیابید.

عنوان پتنت چیست؟

چه تعداد پتنت هم خانواده دارد؟

تمرین ۲

چگونه می توان از بخش **Smart Search** برای یافتن پتنتی با اطلاعات ذیل استفاده نمود؟

- پتنتی در حوزه ی Turbine for sewage aeration
- REGENT J به عنوان مخترع یا مالک اختراع
- انتشار یافته در ۱۹۷۰

تمرین ۳

Albert Einstein و Leo Szilard دوست و همکار بودند. Einstein به خاطر نظریاتش در حوزه نسبیت (relativity)، فوتوالکتریک (photoelectric) و تئوری کینتیک (kinetic theory) شناخته شده است. Szilard یک فیزیکدان تجربی بود که در حوزه: واکنش های هسته ای (nuclear chain reactions) میکروسکوپ الکترونی (electron microscope) شتاب دهنده های خطی (linear accelerator) و cyclotron کار می کرد. Einstein و Szilard با همکاری یکدیگر روی اختراعی در حوزه ای به کلی متفاوت کار کردند.

حوزه این اختراع چه بود؟

THE European Patent Register

ثبت اختراع در سازمان ثبت اختراعات اروپا
روش های دسترسی
راه های جستجو
لیست نتایج
نمایش اطلاعات
نظارت بر فایل های جدید با فعال نمودن گزینه هشدار

THE European Patent Register

دسترسی آنلاین و رایگان به :

- اطلاعات حقوقی و وضعیت ثبت اختراعات مرتبط با اظهارنامه های اروپایی و همچنین اظهارنامه های PCT در فاز بررسی در اداره ثبت اختراعات اروپا
- دسترسی ایمن و امکان استفاده در تمامی زمانها
- قابلیت دسترسی به اطلاعات پتنت پس از انتشار اظهارنامه

The screenshot shows the website's navigation and content. At the top, there is a search bar and a menu with 'Website' and 'Patents'. Below the navigation bar, the breadcrumb trail reads: Home > Searching for patents > Legal information > European Patent Register. The main heading is 'European Patent Register'. To the left, there is a sidebar with links: 'European Patent Register', 'Register documentation', 'FAQ', 'European Patent Bulletin', 'EPO Boards of appeal decisions data: ECLI sitemap', 'Searching Asian documents', and 'Third-party observations'. The main content area features a green graphic with folder icons and a mouse cursor. Below the graphic, a text block states: 'The European Patent Register is the most complete and up-to-date source of publicly available procedural information on European patent applications as they pass through each stage of the granting process.' To the right of the graphic, there is a 'Support' section with the text 'Talk to EPO experts or get help from other users' and a link '> Visit the discussion forum'. Below that is a 'Contact' section with a link '> Contact us'. At the bottom right, a large blue URL is displayed: <https://www.epo.org/searching-for-patents/legal/register.html#tab-1>

سایر ویژگی های European Patent Register

- امکان دسترسی به اطلاعات حقوقی پتنت ها در مرحله پیش از گرنٹ یا فاز ملی از طریق لینک های ارتباطی مستقیم با تعدادی از دفاتر ملی ثبت شده در سایت
- امکان دسترسی به مکاتبات بین EPO و متقاضی ثبت اختراع
- امکان دسترسی مستقیم به SIPO, KIPO, JPO و US
- دسترسی مستقیم به احکام درخواست بررسی مجدد
- امکان مشاهده نظرات اشخاص ثالث که می توانند بدون احراز هویت در مورد نوآوری اختراع نظر دهند.
- اتصال به منابع اطلاعاتی (Espacenet, Publication Server)
- امکان پیگیری روند بررسی اظهارنامه در مراحل مختلف

<https://www.epo.org/register>



Europäisches
Patentamt
European
Patent Office
Office européen
des brevets

Deutsch English Français
Contact

European Patent Register

← About European Patent Register Other EPO online services ▾

Register Alert login

Smart search

Quick search

Advanced search

Help

Quick help


- [How do I enter a query?](#)
- [What are field identifiers?](#)
- [Can I use truncation or wildcards?](#)
- [What are the valid date formats?](#)
- [What are the admissible entries for a date range search?](#)

Maintenance news

News flashes

Related links

Smart search

Search term(s) 

e.g. hair

Clear

Search

WELCOME

Welcome to the **European Patent Register**, the place to find **procedural** and **legal status data** on patent applications handled by the European Patent Office.

If this is the first time you are consulting the EP Register, please have a look at the introductory [video](#) below.

Quick search

Smart search

Quick search

Advanced search

Quick search

Enter numbers with or without country code

Publication number



e.g. EP1883031

Application number



e.g. EP20070010825

Enter one or more dates or date ranges

Filing date



e.g. 20070919

[Clear](#)

Advanced search (I)

Smart search

Quick search

Advanced search

Advanced search

Enter numbers with or without country code

Publication number ⓘ e.g. EP1883031

Application number ⓘ e.g. EP20070010825

Priority number ⓘ e.g. US20030423700

Enter one or more dates (and/or date range for publication date)

Filing date ⓘ e.g. 20070919

Publication date ⓘ e.g. 20070919

Priority date ⓘ e.g. 20070919

Date of grant ⓘ e.g. 20070919

Enter the name of one or more persons or organisations

Applicant(s) ⓘ e.g. IBM

Inventor(s) ⓘ e.g. Siemens

Representative ⓘ e.g. vande gucht

Opponent ⓘ e.g. basf

Enter one or more classification symbols

International Patent Classification (IPC) ⓘ e.g. H02M7/537 H03K17/687

Advanced search (II)

Smart search

Quick search

Advanced search

Advanced search

Enter numbers with or without country code

Publication number ⓘ e.g. EP1883031

Application number ⓘ e.g. EP20070010825

Priority number ⓘ e.g. US20030423700

Enter one or more dates (and/or date range for publication date)

Filing date ⓘ e.g. 20070919

Publication date ⓘ e.g. 20070919

Priority date ⓘ e.g. 20070919

Date of grant ⓘ e.g. 20070919

Enter the name of one or more persons or organisations

Applicant(s) ⓘ e.g. IBM

Samsung

Inventor(s) ⓘ e.g. Siemens

Representative ⓘ e.g. vande gucht

Opponent ⓘ e.g. basf

01

Enter one or more classification symbols

International Patent Classification (IPC) ⓘ e.g. H02M7/537 H03K17/687

Smart search

Smart search

Quick search

Advanced search

Smart search

Search term(s)



e.g. hair

Siemens diode 2010

Clear

Search

Smart search field identifiers (I)

Field identifiers

The following table lists the field identifiers together with a definition and an example of how to use them.

Field identifier	Description	Examples
in	inventor	in=smith
pa	applicant	pa=siemens
re	representative	re="vande gucht"
op	opponent	op=basf
ti	title	ti="mouse trap"
ap	EP/WO application number	ap=ep99203729
pn	EP/WO publication number	pn=ep1000000
pr	priority number	pr=ep20050104792
fd	filing date	fd=20010526
pd	publication date	pd=20020103
prd	priority date	prd=19780707
ic	international classification	ic=a63b49/08
ia	inventor and applicant	ia=Smith
nm	inventor, applicant, opponent, representative	nm=Sony
txt	title, inventor, applicant, opponent and representative	txt=microscope lens
num	EP/WO application number, EP/WO publication number and priority number	num=ep1000000 or num=wo2007117737

Smart search field identifiers (II)

Smart search

Search term(s)



e.g. hair


ps=Siemens ti=diode pd=2010

Clear

Search


Smart search

لیست نتایج

Search term(s) 

in=ganshorn pa=siemens ic=B60M

Search results

 Refine search

 Export (CSV | XLS)

 Print

Sort by 

Sort order 

9 items found, displaying all.

Search term(s): (in = ganshorn and pa = siemens) and ic = B60M

METHOD AND DEVICE FOR DISPLACING AN ARRANGEMENT ALONG A CONTACT WIRE OF AN OVERHEAD LINE CATENARY

	Application No. EP06754931	Publication No. EP1877275	Applicant SIEMENS AKTIENGESELLSCHAFT	IPC B60M 1/28
---	-------------------------------	------------------------------	--	-------------------------

DEVICE FOR FIXING A CONTACT WIRE OF AN OVERHEAD LINE CATENARY

	Application No. EP05825327	Publication No. EP1827894	Applicant SIEMENS AKTIENGESELLSCHAFT	IPC B60M 1/28
---	-------------------------------	------------------------------	--	-------------------------

CONTACT WIRE CLAMP

	Application No. EP00993599	Publication No. EP1240046	Applicant SIEMENS AKTIENGESELLSCHAFT	IPC B60M 1/24
---	-------------------------------	------------------------------	--	-------------------------

CABLE CLAMP, ESPECIALLY A CROSS-SPAN ADJUSTER CLAMP OR BEARER CABLE CLAMP FOR SUPPORTING FRAMEWORKS OF CATENARY SYSTEMS

	Application No. EP99952367	Publication No. EP1105301	Applicant SIEMENS AKTIENGESELLSCHAFT	IPC B60M 1/24 H02G7/08
---	-------------------------------	------------------------------	--	-------------------------------------

Turning clamp for supporting cable for electrical conductors, especially for railway power supply

	Application No. EP98115923	Publication No. EP0900687	Applicant SIEMENS AKTIENGESELLSCHAFT	IPC B60M 1/24 H02G7/08
---	-------------------------------	------------------------------	--	-------------------------------------

Catenary wire support

	Application No. EP93117082	Publication No. EP0650863	Applicant SIEMENS AKTIENGESELLSCHAFT	IPC B60M 1/20 B60M 7/00
---	-------------------------------	------------------------------	--	---

About this file

Refine search

↓ ST36

Show history

↗ Espacenet

Submit observations

Report error

Status

Most recent event

EP0900687

About this file

Legal status

Event history

Citations

Patent family

All documents

Quick help

- [What happens if I click on the "XML" or "ST36" buttons?](#)
- [What kind of information can be found if I click on the "Show history" button?](#)
- [What kind of information can be found under "Status"?](#)
- [What do the digits in square brackets refer to?](#)
- [What does N/P stand for?](#)
- [Why are the publication dates of the European and international applications identical?](#)
- [What does the letter in square brackets stand for in the "Documents cited" part?](#)
- [Is it possible to navigate in the result list?](#)

Maintenance news +

News flashes +

Related links +

About this file: EP0900687

Refine search

↓ ST36

Show history

↗ Espacenet

Submit observations

Report error

Print

EP0900687 - Turning clamp for supporting cable for electrical conductors, especially for railway power supply [Right-click to bookmark this link]

Status	No opposition filed within time limit <i>Database last updated on</i>		
Most recent event i	10.10.2003	No opposition filed within time limit	published on 26.11.2003 [2003/48]
Applicant(s)	For all designated states SIEMENS AKTIENGESELLSCHAFT Wittelsbacherplatz 2 80333 München / DE [1999/10]		
Inventor(s)	01 / Ganshorn , Rolf-Dieter Draisstrasse 62 68169 Mannheim / DE 02 / Leray, Philippe Bayernstrasse 60 67061 Ludwigshafen / DE [1999/10]		
Application number, filing date	98115923.9	24.08.1998	
	[1999/10]		
Priority number, date	DE19971038944	05.09.1997	Original published format: DE 19738944
	[1999/10]		
Filing language	DE		
Procedural language	DE		
Publication	Type :	A2 Application without search report	
	No. :	EP0900687	
	Date :	10.03.1999	
	Language :	DE	

Legal status

EP0900687

About this file

Legal status

Federated register

Event history

Citations

Patent family

All documents

Quick help

→ What happens if I click on the "XML" or "ST38" buttons?

→ What does "legal status" mean?

→ What is meant by "entry into the European phase"?

Maintenance news

News flashes

Related links

Legal status: EP0900687

Refine search ST38 Espacenet Submit observations Report error

Designated contracting states **AT**

BE

CH

DE

ES

FR

GB

IT

LI

Examination procedure	16.09.2002	Fee for printing paid
Fees paid	Renewal fee	
	17.08.2000	Renewal fee patent year 03
	23.08.2001	Renewal fee patent year 04
	19.08.2002	Renewal fee patent year 05
European patent granted	04.12.2002	
Opposition procedure	05.09.2003	No opposition filed within time limit published on 26.

INPADOC data ⓘ The EPO does not accept any responsibility for the accuracy of legal status data relating to phase, including but not limited to their completeness and fitness for specific purposes, nor guarantee that such data are up to date. For authoritative information, please refer to the patent authority.

Event date: 10.03.1999

Event description: DESIGNATED CONTRACTING STATES:

Kind Code of Ref Document: A2

Designated State(s): AT BE CH DE ES FR GB IT LI

swissreg

Close

View detail for Publication number: EP0900687 Everything you need to know about this de

Tasks

Protective title Info
 PDF (A4/vertical) Create PDF of current IP title
 Send Send link to current IP title by e-mail

Navigation

Current status (Show / Hide) | History

Designation	Current status
Patent type	EP
Extract date	30.11.2011
Publication number	0900687
Publication of application	10.03.1999
Grant date	04.12.2002
Application no.	98115923
Filing date	24.08.1998
Title	Tragsell-Drehklemme für strom- oder spannungsführende Leitungen, insbesondere bei der Bahnstromversorgung
Renewal fee	13. Jahresgebühr bezahlt bis 31.08.2011
Owner	SIEMENS AKTIENGESELLSCHAFT Wittelsbacherplatz 2 80333 München DE-Germany
Inventor	Ganshorn, Rolf-Dieter Draisstrasse 02 68169 Mannheim DE-Germany
Agent	Leray, Philippe Bayernstrasse 00 87051 Ludwigshafen DE-Germany
IPC classification	B80M-001/24 H02G-007/08
Priorities	DE 19738944 05.09.1997
Published documents	espacenet
Date of last update	11.11.2010

History (Show / Hide) | Current status

Date	Register mutation
04.12.2002	Grant with effect for CH/LI
04.12.2002	Published in PIDSJ/+pat+ 2002/23
	Agent
	Agent Siemens Schweiz AG Albisriederstrasse 245 8047 Zürich

Event history

نمایش رویدادها از زمان ثبت اظهارنامه

EP0900687	Event history: EP0900687					
About this file	Refine search	↓ ST36	↗ Espacenet	Submit observations	Report error	Print
Legal status	Event history	22.01.1999	Publication in section I.1 EP Bulletin		published on 10.03.1999 [1999/10]	
Event history		28.08.2000	Renewal fee			
Citations		13.10.2000	Request for examination filed		published on 29.11.2000 [2000/48]	
Patent family		27.10.2000	Definitive list of designations		published on 13.12.2000 [2000/50]	
All documents		27.12.2000	Change - extension states			
Quick help		31.08.2001	Renewal fee			
→ What happens if I click on the "XML" or "ST36" buttons?		04.12.2001	Examination report or reply			
→ Why does one and the same legal event/entry refer to different dates?		07.12.2001	First examination report		published on 23.01.2002 [2002/04]	
→ What do the digits in square brackets refer to?		08.03.2002	Examination report or reply			
Maintenance news	+	12.04.2002	Communication of intention to grant			
News flashes	+	28.06.2002	Communication of intention to grant			
Related links	+	28.06.2002	Communication of intention to grant a patent			
		02.09.2002	Renewal fee			
		27.09.2002	Communication of intention to grant a patent			
		18.10.2002	(Expected) grant		published on 04.12.2002 [2002/49]	
		10.10.2003	No opposition filed within time limit		published on 26.11.2003 [2003/48]	






Citations

نمایش فهرستی از اسناد مرتبط که در جستجوی پیشینه اختراع توسط اداره ثبت اختراعات اروپا یا خود متقاضی ذکر شده است.

EP0900687
About this file
Legal status
Federated register
Event history
Citations
Patent family
All documents

Quick help
→ What happens if I click on the "XML" or "ST36" buttons?
→ What is a cited document?
→ What does the letter in square brackets next to the publication number stand for?
→ What is non-patent literature?

Citations: EP0900687

 Refine search  ST36  Espacenet  Submit observations  Report error  Print

Cited in	Search
Type:	Patent literature
Publication No.:	↗ GB293213 [A]
Type:	Patent literature
Publication No.:	↗ GB301216 [A]
Type:	Patent literature
Publication No.:	↗ DE3814491 [A]
Type:	Patent literature
Publication No.:	↗ DE29603747U [AD]

Patent family

اسناد ثبت اختراعی که حداقل یک پیشینه دارند.



اسناد ثبت اختراعی که همه پیشینه ها را به طور اشتراکی دارند.



EP0900687
About this file
Legal status
Federated register
Event history
Citations
Patent family
All documents

Quick help

- [What happens if I click on the "XML" or "ST36" buttons?](#)
- [What does "patent family" mean?](#)
- [What are "equivalents"?](#)
- [What is Global dossier?](#)
- [Which types of document will I find under "Patent family"?](#)
- [What does A1, A2, A3 and B stand for after a publication number?](#)

Maintenance news +

News flashes +

Related links +

Patent family: EP0900687

Refine search ST36 Espacenet Submit observations Report error Print

Type Patent family member

Publication No.	Date	Type
DE59806503D	16.01.2003	D1
Priority number	Date	
DE19738944	05.09.1997	
DE59806503	24.08.1998	

Type Equivalent

Publication No.	Date	Type
EP0900687 Global dossier	04.12.2002	B1
EP0900687	05.04.2000	A3
EP0900687	10.03.1999	A2
Priority number	Date	
DE19738944	05.09.1997	

Type Equivalent

Publication No.	Date	Type
AT228947T	15.12.2002	T
Priority number	Date	
DE19738944	05.09.1997	

All documents = online file inspection

EP0900687

About this file

Legal status

Federated register

Event history

Citations

Patent family

All documents

Quick help

- Is it possible to download documents?
- Is it possible to print a list of all the documents?
- Can I sort the list of documents?
- Is it possible to open one of the documents?
- Can I open multiple documents in separate windows?
- Is it possible to print a document?

Maintenance news +

News flashes +

Related links +

All documents: EP0900687

Refine search Selected documents Zip Archive Espacenet Submit observations

All documents(27)

Search / examination(27)

Received by EPO(15)

Sent by EPO(12)

position period

- 24.10.2002 [Decision to grant a European patent](#)
- 27.09.2002 [Filing of the translations of the claims](#)
- 27.09.2002 [Translation of the claims](#)
- 27.09.2002 [Translation of the claims](#)
- 03.07.2002 [Invitation to pay the fees for intended grant](#)
- 21.06.2002 [Approval to announcement of intention to grant a European patent](#)
- 24.04.2002 [Bibliographic data of the European patent application](#)
- 24.04.2002 [Communication about intention to grant a European patent](#)
- 24.04.2002 [Text intended for grant](#)
- 05.03.2002 [Claims](#)
- 05.03.2002 [Description](#)
- 05.03.2002 [Reply to communication from the Examining Division](#)
- 07.12.2001 [Annex to the communication](#)
- 07.12.2001 [Communication from the Examining Division](#)
- 11.04.2000 [Reminder period for payment of examination fee/designation fee and correction of deficiencies in Written Opinion](#)
- 21.02.2000 [Annex to European Search report](#)
- 21.02.2000 [Communication regarding the transmission of the European search report](#)

EP A/EPO/DEE
D-66290 München
+ 49 99 2399-0
TX 023 630 epmu-d
FAX + 49 99 2399-4465

Europäisches Patentamt
European Patent Office
Office européen des brevets

Generaldirektion 2
Directorate General 2
Direction Générale 2

SIEMENS AKTIENGESELLSCHAFT
Patent Department,
Postfach 22 16 34
80506 München
ALLEMAGNE

03.07.02

Zeichner/Ref./Nat. GR 97 P 3638 E Anmelde/Inventor/Deposited/Patent/Inventor/Proprietor/Bufile 98115923.9-2422/

Armelde/Applicant/Deposited/Patent/Inventor/Proprietor/Bufile
SIEMENS AKTIENGESELLSCHAFT

MITTEILUNG GEMÄSS REGEL 51(6) EPU

Auf die Mitteilung gemäss Regel 51 (4) EPU vom 24.04.02

ist Ihre Einverständniserklärung mit der mitgeteilten Fassung rechtzeitig eingegangen.

Soweit Sie den nachstehend genannten Erfordernissen nicht bereits nachgekommen sind, werden Sie nunmehr aufgefordert, innerhalb einer nicht verlängerbaren Frist von d r e i Monaten, gerechnet von der Zustellung dieser Mitteilung an,

- eine Übersetzung des Patentanspruchs/der Patentansprüche in den beiden anderen Amtssprachen des Europäischen Patentamts zweifach einzureichen;
- die Erteilungsgebühr einschliesslich der Druckkostengebühr bis höchstens 35 Seiten zu entrichten; Kennziffer 007 715.00
- die Druckkostengebühr für die 36. Seite und jede weitere Seite zu entrichten; Anzahl der Seiten: 0 Kennziffer 008 0.00
- die Anspruchsgebühr(en) zu entrichten (Regel 51(7) EPU); Zahl der zu entrichtenden Anspruchsgebühren: 0 Kennziffer 016 0.00

Gesamtbetrag 715.00

EINSCHREIBEN


Search / examination 1

نظارت بر پرونده ها از طریق گزینه هشدار :

- کنترل هرگونه تغییر در محتوای اطلاعات تا بیش از ۱۰۰۰ پرونده
- ارسال ایمیل اطلاع رسانی به بیش از ۵ مخاطب، در صورت بروز هرگونه تغییر در وضعیت اظهارنامه موردنظر
- کاربران می توانند انتخاب کنند که:
 - کدام نوع تغییرات اطلاع رسانی شود.
 - محتوای پیام های اطلاع رسانی را به دلخواه خود تغییر دهند.
 - لیست اسناد را ارسال یا ذخیره کنند.

دسترسى به گزینه هشدار

محیطی امن، رایگان و با امکان دسترسی از طریق نام کاربری و رمز عبور



Europäisches Patentamt
European Patent Office
Office européen des brevets

European Patent Register

Deutsch English Français
Contact

← About European Patent Register Other EPO online services ▾ Register Alert login

Smart search Quick search Advanced search Help

Log in to Register Alert

Access Register Alert with password login

Username:

Password:


→ [Forgotten login details?](#)

→ [Enrol for a username and password](#)

[Clear](#)

Login

نحوه ایجاد حساب کاربری و دسترسی به بخش هشدار نحوه



Europäisches Patentamt
European Patent Office
Office européen des brevets

Register Alert service ? registration notification


You are now enrolled for the EPO's Register Alert service. To access this service please use the username and password indicated below.

Your username is: EPRegisterAlert

Your password is: DUoWEEtV

If you forget your login details, we can send you a username reminder or a new password. Go to the login screen and select the option, "Forgotten login details?". Follow the on-screen instructions to choose the option you would like. Enter your e-mail address and click "Submit".

Note: you can request both a username reminder and a new password if you wish. You will receive the information in separate e-mails.



Europäisches Patentamt
European Patent Office
Office européen des brevets

Deutsch English Français
Contact

European Patent Register

← About European Patent Register Other EPO online services ▾

Smart search Quick search Advanced search Search results **Monitored applications (0)** Help

Register Alert logged in as [EPRegisterAlert] Log out

"Register Alert logged in" نحوه تغییر رمز عبور از طریق

Edit user details

Username: ERegisterAlert

New password

Confirm new password

Title *

First Name *

Last Name *

Company *

نحوه نظارت بر اظهارنامه های اختراع



European Patent Register

Deutsch English Français
Contact

About European Patent Register Other EPO online services

Register Alert logged in as [EPRegisterAlert] Log out

Smart search Quick search Advanced search Search results **Monitored applications (0)** Help

Search results

Refine search

Print

2,730 items found, displaying 1 to 20.
Search term(s): txt = amino and txt = acid

1 2 3 4 5 6 7 8 ▶▶

AMINO ACID SEQUENCES DIRECTED AGAINST IL-17A, IL-17F AND/OR IL17-A/F AND POLYPEPTIDES COMPRISING THE SAME

Application No.	Publication No.	Applicant	IPC
EP12726593	WO2012156219

PROCESS FOR PREPARING [4,6-BIS-DIMETHYL AMINO -2-[4-(4-TRIFLUOROMETHYLBENZOYL - AMINO)BENZYL]PYRIMIDIN-5-YL]ACETIC ACID

Application No.	Publication No.	Applicant	IPC
EP12718262	WO2012156221

METHOD OF DETECTION OF AMINO ACID SEQUENCE AND/OR IDENTIFICATION OF PEPTIDES AND PROTEINS, BY USE OF A NEW DERIVATIZATION REAGENT AND SYNTHESIS OF 5-FORMYL-BENZENE-1,3-DISULPHONIC ACID AS DERIVATIZATION REAGENT

Application No.	Publication No.	Applicant	IPC
EP11749501	WO2012156764

CRYSTALLINE SALTS OF (4S,4A,5,6R,12AS)-4-DIMETHYL AMINO -3,10,12,12A-TETRAHYDROXY-7-((METHOXY(METHYL) AMINO)-METHYL)-1,11-DIOXO-1,4,4A,5,5A,6,11,12A-OCTAHYDRO-NAPHTHACENE-2-CARBOXYLIC ACID AMIDE AND METHODS OF USING THE SAME

Application No.	Publication No.	Applicant	IPC
EP12782600	WO2012155146

POLY - AMINO ACID AND FERROELECTRIC MEMORY ELEMENT USING SAME

Application No.	Publication No.	Applicant	IPC
...

AMINO ACID SEQUENCES DIRECTED AGAINST IL-17A, IL-17F AND/OR IL17-A/F AND POLYPEPTIDES COMPRISING THE SAME

Application No.	Publication No.	Applicant
EP12726593	WO2012156219	...

سیاه - بررسی نشده

باید وارد سیستم شوید

سبز - بررسی شده

نحوه کار با پرونده های اختراع منتخب در بخش هشدار

Logo of the European Patent Office (EPO) and the text: **Europäisches Patentamt**, **European Patent Office**, **Office européen des brevets**. The text **European Patent Register** is displayed prominently.

Navigation menu: **About European Patent Register**, **Other EPO online services**, **Register Alert logged in as [ERegisterAlert]**, **Log out**.

Search options: **Smart search**, **Quick search**, **Advanced search**, **Search results**, **Monitored applications (28)**, **Help**.

Section: **Monitored applications**

Tools: **+ Add**, **Edit**, **X Delete**, **Mark as seen**, **Mark as unseen**, **Export**, **Import**, **Preferences**.

Filters: **Monitored** (dropdown), **Search**, **Find in current view**, **Appl./Publ. No.** (dropdown), **Search**, **Reset**.

Sort options: **Sort by** (Seen), **Sort order** (ascending), **Sort**.

Select all

28 items found, displaying 1 to 10. 1 2 3 >

	Seen	Appl./Publ. No.	Appl. No.	Date of Change	Reference	Description
<input type="checkbox"/>	<input type="radio"/>	05855368	05855368	2012-11-16		HIGHLY PORTABLE MEDIA DEVICE
<input type="checkbox"/>	<input type="radio"/>	08727390	08727390	2010-01-22		CREATING AND PURCHASING RINGTONES
<input type="checkbox"/>	<input type="radio"/>	09772317	09772317	2011-07-29		INSERT FOR SOLES, PARTICULARLY FOR PERFORATED SOLES MADE OF POLYMERIC MATERIAL COMPRISING A MEMBRANE THAT IS IMPERMEABLE TO WATER AND PERMEABLE TO WATER VAPOR, AND SOLE COMPRISING SAID INSERT

Table Settings	Notification	Monitoring Profiles	Grouping and Title	Import and Export
-----------------------	--------------	---------------------	--------------------	-------------------

Items per page

10
20
30
40
50

Available columns

Visible columns

Seen
Appl./Publ. No.
Appl. No.
Date of Change
Reference
Description

Default sort order

Seen
Appl./Publ. No.
Appl. No.
Date of Change
Reference
Description

Preferences

Table Settings	Notification	Monitoring Profiles	Grouping and Title	Import and Export
----------------	---------------------	---------------------	--------------------	-------------------

e-mail notification:
Your primary e-mail address is null. This address can be set or modified by clicking on "Logged in as [xxxx]".

You can have e-mail notifications sent to up to four additional addresses. Each e-mail address will receive notifications.

e-mail address 1 : ysanchez@epo.org

e-mail address 2

e-mail address 3

e-mail address 4

e-mail address 5

Table Settings	Notification	Monitoring Profiles	Grouping and Title	Import and Export
----------------	--------------	----------------------------	--------------------	-------------------

Choose a profile to define the events you would like to be informed about.

Profile:

All entries
All entries
Substantial procedural actions
Data published in the European Patent Bulletin

List of events

These include every entry in the European Patent Register.

- A-publication
- Separate publication of search report
- Grant of patent (B1 publication)
- Patent maintained in amended form (B2 publication)
- Limitation of patent (B3 publication)
- Withdrawal by applicant
- Application deemed to be withdrawn
- Refusal of application
- Intention to grant a European patent
- No notice of opposition filed within time limit
- Filing of notice of opposition
- Rejection of opposition
- Revocation of patent in opposition proceedings
- Revocation of patent by the patent proprietor
- Closure of opposition proceedings
- Renewal fee paid
- Lapse of patent in a contracting state
- Licence

Don't save Save

Don't save

اطلاع از هرگونه تغییر رویداد



Europäisches
Patentamt
European
Patent Office
Office européen
des brevets

European Patent Register - Monitored Applications

Dear subscriber,

This message is to inform you that a change has occurred in respect of one or more items on the list of applications monitored by European Patent Register. To see the latest Online European Patent Register data for the application(s) concerned, simply click on the relevant Appl./Publ. No.

INSERT FOR SOLES, PARTICULARLY FOR PERFORATED SOLES MADE OF POLYMERIC MATERIAL COMPRISING A MEMBRANE THAT IS IMPERMEABLE TO WATER AND PERMEABLE TO WATER VAPOR, AND SOLE COMPRISING SAID INSERT

Appl./Publ. No.	Appl. No.	Reference	Date of change	Event
09772317	09772317		2014-06-24	New entry: Renewal fee paid

(The order in which events occurring on the same date are listed has no significance.)

This e-mail alert is subject to the [EPO Online Services legal notices](#).

Please note that e-mails have no legal validity in proceedings under either the EPC or PCT. Read more under www.epo.org/service-support/contact-us/disclaimer

Please do not reply to this automatically generated e-mail. Visit www.epo.org/contact for ways to contact us if you have any questions on this or any other subject.

European Patent Office

www.epo.org

کمک رسانی آنلاین به کاربران سایت

- Quick help
- Help files
- Interactive assistant
- support@epo.org