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INPADOC worldwide legal event database

What - Why - Where - Which - How of EPO’s legal event collection

Sofie Leplae

54 Patent Knowledge

3 March 2021

INPADOC worldwide legal event data

The INPADOC legal event data is EPO's collection of legal events. Legal event data relates to information on the events during the lifetime of a patent application. INPADOC contains legal events from over 50 international patent authorities worldwide, available in Espacenet/OPS, the Global Patent Index, PATSTAT and as bulk data. The events are also included in many commercial products.

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Legal event data

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Worldwide legal event information is essential for a broad variety of our customers, ranging from occasional users of patent information to professional and frequent users.

Legal event information is used, for instance, for market analysis, freedom-to-operate searches, decision-making for business investments and statistical studies.

What is a legal event? −

A legal event is any procedural step during the grant procedure as well as at the post-grant stage. Examples include "application filed", "office action sent" and "maintenance fee paid".

You can use this data to work out the legal status of an application or IP right, e.g. whether an application is active or a patent has lapsed.

Where does the information come from? +

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How is legal event data classified? +

Support

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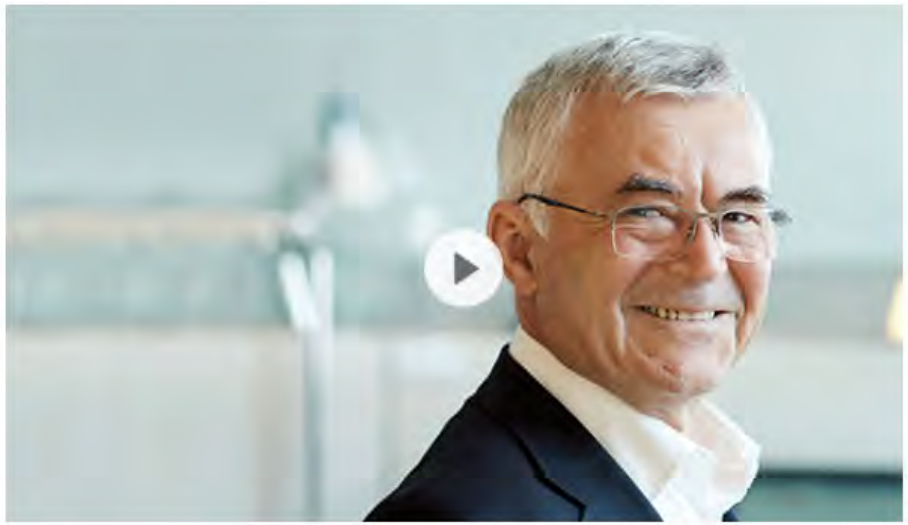
We start with an example

Inventors against coronavirus

The novel coronavirus pandemic has irrevocably changed the world, causing a massive loss of life and shattered economies. Despite these circumstances, human resilience and inventiveness are already paving the way to recovery. Meet the inventors working on solutions that will ultimately lead to a safer, healthier and more sustainable future.

The great vaccine race –

Rino Rappuoli has dedicated his career to improving vaccine technology. Thanks to his innovation, modern vaccines are not only safe and effective, they can also be produced much faster - a critical development in the fight against COVID-19.



https://www.epo.org/news-events/in-focus/fighting-coronavirus/inventors-against-coronavirus.html

Companies: Sclavo SPA (Italy), Chiron SPA, (US) Novartis Vaccines and Diagnostics S.r.l. (Germany)

Patent numbers: EP0322533, EP0232229, EP1223975, and many more

Invention: Next-generation vaccines against meningitis, whooping cough and other infections

Infectious diseases such as diphtheria, bacterial meningitis and whooping cough have been practically eradicated in the developed world, thanks to Rino Rappuoli. Over the course of a research career spanning more than four decades, the Italian microbiologist has pioneered "conjugate vaccines" that have launched a new generation of immunisations, now administered to millions of people worldwide.

Espacenet
Patent search

RAPPUOLI RINO

Office/Language

My Espacenet | Help | Classification search | Results | Advanced search | Filters | Popup tips | Report data error | Feedback

Home > Results > EP2367568A2

154 results found

List view: Text only | List content: All | Sort by: ↓ Priority date

(1 patent selected) **Select the first 60 results**

19. METHOD FOR STIMULATING ANTIGEN-SPECIFIC T CELL RE...
EP2419730A1 (B1) • 2012-02-22 • INST NAT SANTE RECH MED [FR]
Earliest priority: 2009-04-14 • Earliest publication: 2010-10-21
No abstract available

20. Combination Neisserial compositions
AU2013200678A1 (B2) • 2013-02-28 • NOVARTIS VACCINES & DIAG...
Earliest priority: 2009-02-27 • Earliest publication: 2013-02-28
Compositions comprising a first biological molecule from a Neisseria bacterium and a second biological molecule from a Neisseria bacterium. The term "biological molecule" includes proteins and nucleic acids. Preferred Neisseria species are N. meningi...

21. Meningococcal fHBP polypeptides
AU2014250679A1 • 2014-11-06 • NOVARTIS AG
Earliest priority: 2009-02-20 • Earliest publication: 2014-11-06
fHBP is a protein in Neisseria meningitidis. Three families of fHBP are known. To increase the ability of a fHBP protein to elicit antibodies that are cross-reactive between the families, fHBP is selected or engineered to have a sequence which can elicit b...

22. MENINGOCOCCAL VACCINES INCLUDING HEMOGLOBIN RE...
MX2011006648A • 2011-10-14 • NOVARTIS AG [CH]
Earliest priority: 2008-12-17 • Earliest publication: 2010-06-24
The meningococcal haemoglobin receptor, HmbR, is used as a vaccine antigen in combination with one or more further antigens e.g. in combination with a meningococcal outer membrane vesicle, with another purified meningococcal antigen (e.g. fHBP...

23. VACCINE ADJUVANT COMBINATIONS
WO2010032138A2 (A3) • 2010-03-25 • RAPPUOLI RINO [IT]
Earliest priority: 2008-09-18 • Earliest publication: 2010-03-25
An immunological adjuvant comprises an oil-in-water emulsion, an immunostimulatory oligonucleotide and a polycationic polymer, wherein the oligonucleotide and the polymer ideally associate with each other to form a complex. The adjuvant can be combine...

EP2367568A2 MENINGOCOCCAL VACCINES INCLUDING HEMOGLOBIN RECEPTOR

Available in | Patent Translate

Bibliographic data | Description | Claims | Drawings | Original document | Citations | Legal events | Patent family

Register ↗ | Global Dossier ↗

Applicants	NOVARTIS AG [CH] +
Inventors	ARICO BEATRICE [IT]; RAPPUOLI RINO [IT]; SCARSELLI MARIA [IT] +
Classifications	
IPC	***A61K39/095; C07K19/00; C12N1/20;***
CPC	**A61K39/095 (EP); A61P31/04 (EP); A61P37/04 (EP); C07K14/22 (EP);** A61K2039/523 (EP);
Priorities	IB2009007964W 2009-12-17; US20308708P 2008-12-17
Application	EP09807712A 2009-12-17
Publication	EP2367568A2 2011-09-28
Published as	**AU2009329193A1; BRPI0923006A2; CA2747340A1; CN102300585A;** EP2367568A2;**JP2012512240A; MX2011006648A; NZ593674A; US2010189737A1; WO2010070453A2; WO2010070453A3; WO2010070453A8**

EN | FR | DE

MENINGOCOCCAL VACCINES INCLUDING HEMOGLOBIN RECEPTOR

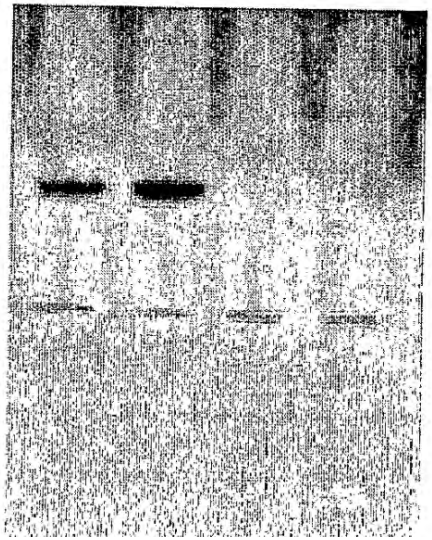
Abstract

Abstract not available for EP2367568A2 – abstract of corresponding document: WO2010070453A2

The meningococcal haemoglobin receptor, HmbR, is used as a vaccine antigen in combination with one or more further antigens e.g. in combination with a meningococcal outer membrane vesicle, with another purified meningococcal antigen (e.g. fHBP, 287, NadA, NspA, NhhA, App, Omp85, LOS), with a conjugated meningococcal capsular saccharide, etc.

Drawings not available for EP2367568A2 – drawings of corresponding document: WO2010070453A2
Front-page drawing from WO2010070453A2

FIGURE 2



☆ **EP2367568A2** MENINGOCOCCAL VACCINES INCLUDING HEMOGLOBIN RECEPTOR

Available in

Bibliographic data **Description** **Claims** **Drawings** **Original document** **Citations** **Legal events** **Patent family**

The EPO does not accept responsibility for the accuracy of data originating from authorities other than the EPO, nor does it guarantee that such data is complete, up-to-date or fit for specific purposes.

Event indicator	Category	Event description	Countries	Event date	Effective date	Details
EP 17P	D: Search and examination	REQUEST FOR EXAMINATION FILED		2011-09-28	2011-06-23	
EP AK	W: Other	DESIGNATED CONTRACTING STATES	AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR	2011-09-28		**Reference document** Kind: A2
EP DAX	Y: Correction/deletion of event information	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)		2012-03-28		
EP 17Q	D: Search and examination	FIRST EXAMINATION REPORT DESPATCHED		2013-04-24	2013-03-26	
EP 18D	B: Application discontinuation	APPLICATION DEEMED TO BE WITHDRAWN		2014-01-15	2013-08-06	

What is legal event data? What is legal status data?

Legal event data is data on any procedural step during the grant procedure as wells as in the post-grant stage.

Examples include “application filed”, “office action send”, “change of ownership”, and “maintenance fee paid.

Legal status data is data that includes a statement on the status, or state, of an application or IP right.

Examples include “application is active” and “patent terminated”.

European Patent Register: legal events

A Register event is a procedural action taken by a party to the proceedings and involving a coding (addition, deletion, change of data) that triggers an entry in the European Patent Register. It appears as the **Most recent event** in **About this file** (until it is replaced by the next event) and is also added to the list in **Event history**. For the purpose of monitoring applications, such an event generates an email notification to subscribed users of Register Alert.

https://register.epo.org/allEvents

All events

This category covers all events (including "main events") made public select **All entries** under **Preferences** in your Register Alert account.

Click the **Main events (XML)** and **All events (XML)** links at the top of

Main events
A-publication
Publication in section I.1 EP Bulletin
Change or deletion - publication of A document
Separate publication of search report
Change - publication of search report
Publication of search report
Publication of international search report
Supplementary search report
Change or deletion - publication of search report
Grant of patent (B1 publication)
(Expected) grant
Change or deletion - publication of B1 document
Patent maintained in amended form (B2 publication)
Patent maintained (B2 publication)
Change - publication of B2 document
Change or deletion - publication of B2 document
Limitation of patent (B3 publication)
(Expected) limited patent specification
Change or deletion - publication of limited patent specification
Withdrawal by applicant
Change - withdrawal
Withdrawal of application
Change - withdrawal
Change - withdrawal

European Patent Register: legal status

- International application published
- Application published
- Examination requested
- Grant of patent intended
- Application refused
- Application deemed to be withdrawn
- Patent granted (this does not exclude the possibility of an ongoing opposition or appeal procedure)
- Opposition procedure running
- No opposition filed within time limit
- Opposition procedure closed
- Opposition rejected
- Patent revoked/limited
- Patent maintained in amended form

https://register.epo.org/help?topic=legalstatus&lng=en

Federated register: EP2419730

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METHOD FOR STIMULATING ANTIGEN-SPECIFIC T CELL RESPONSES USING ACCELERATED CO-CULTURED DENDRITIC CELLS

Application No.	Publication No.	Applicant	IPC
EP10714449	EP2419730	INSERM (Institut National de la Santé et de la Recherche Médicale)	G01N33/53 G01N33/50

Only designated contracting states and extension states providing the Federated Register Service are listed below.

	Status	Application No.	Publication No.	Proprietor	Invalidation date	Not in force since	Renewal fees last paid	Record last updated
AT	Patent not validated	EP10714449	EP2419730	INSERM (Institut National de la San	13.12.2016	10.08.2016	---	---
BA	*No data provided by the national patent office for this patent*							
BE	Patent not validated	EP10714449	EP2419730	INSERM (Institut National de la Sa...	---	13.04.2010	---	18.10.2020
BG	*No data provided by the national patent office for this patent*							
CH/LI	Patent not in force	EP10714449	EP2419730	INSERM (Institut National de la San...	---	30.04.2019	---	20.11.2019
CZ	*No data provided by the national patent office for this patent*							
DE	Patent not in force	EP10714449	EP2419730	INSERM (Institut National de la San...	---	---	---	19.03.2020
EE	*No data provided by the national patent office for this patent*							
ES	*This service is currently unavailable. Please try later.*							
FI	Patent not validated	EP10714449	EP2419730	INSERM (Institut National de la San	---	---	---	26.02.2021
FR	Patent not in force	EP10714449	EP2419730	INSERM (INSTITUT NATIONAL DE LA SAN...	---	---	22.03.2018 Latest annual fee paid: 9	26.02.2021
GB	Patent not in force	EP10714449	EP2419730	INSERM (Institut National de la San...	---	13.04.2019	21.03.2018 Latest annual fee paid : 9	---

INPADOC worldwide legal event data

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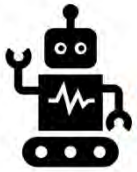
- and of legal status data



Good to know: If we can connect a publication date to a status; we will add it to INPADOC

Minimum Requirement for a legal event in INPADOC

- Patent application/publication number
- Event indicator
- Event date / Date of publication
- Event description

EP2367568A2

Event indicator	Category	Event description	Countries	Event date	Effective date	Details
EP 17P	D: Search and examination	REQUEST FOR EXAMINATION FILED		2011-09-28	2011-06-23	

INPADOC worldwide legal event data

Additional information:

- Category
- Countries
- Effective date
- Details

EP2367568A2 MENINGOCOCCAL VACCINES INCLUDING HEMOGLOBIN RECEPTOR

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Bibliographic data | Description | Claims | Drawings | Original document | Citations | Legal events | Patent family

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EP AK	W: Other	DESIGNATED CONTRACTING STATES	AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR	2011-09-28		**Reference document** Kind: A2

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Event indicator	Category	Event description	Countries	Event date	Effective date	Details
EP 17P	D: Search and examination	REQUEST FOR EXAMINATION FILED		2011-09-28	2011-06-23	
EP AK	W: Other	DESIGNATED CONTRACTING STATES	AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR	2011-09-28		Reference document Kind: A2
EP DAX	Y: Correction/deletion of event information	REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)		2012-03-28		
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EP 18D	B: Application discontinuation	APPLICATION DEEMED TO BE WITHDRAWN		2014-01-15	2013-08-06	

Where does the information come from?
From the national offices…

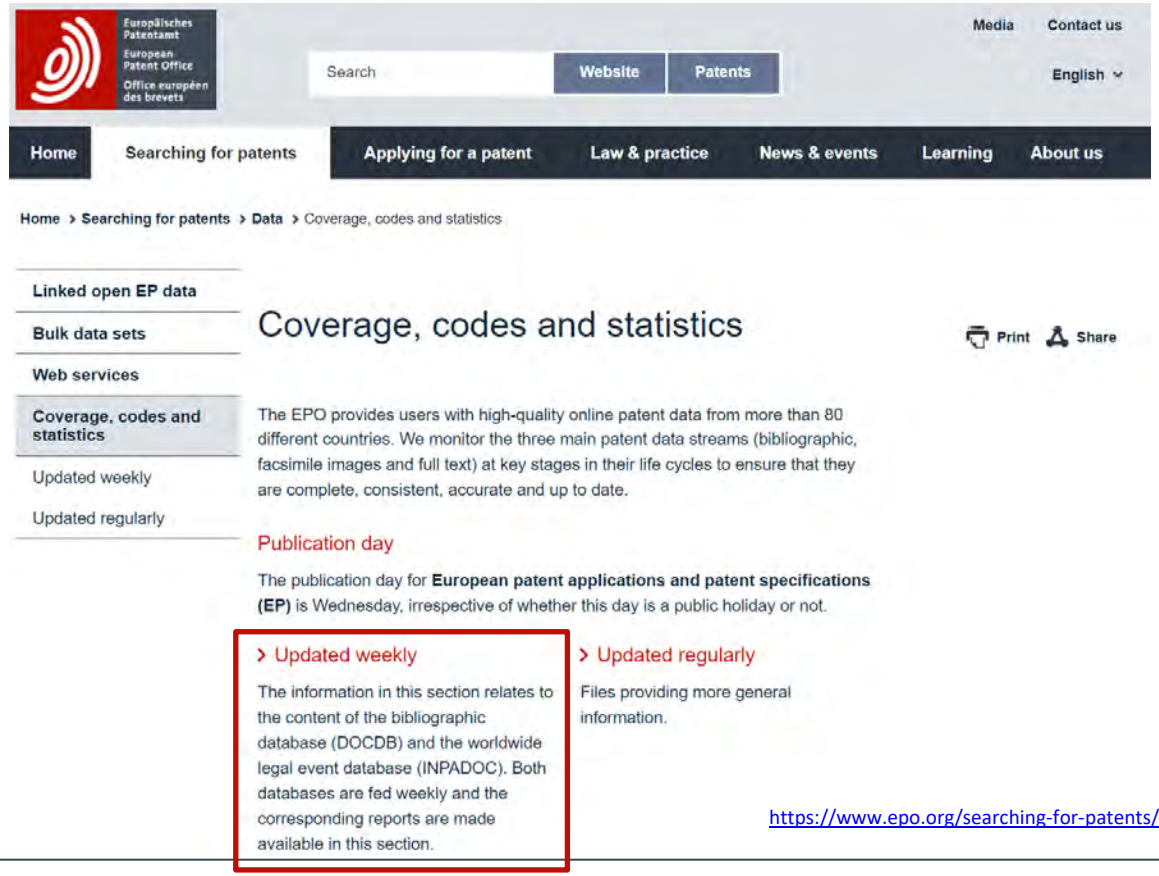
Patent gazette:

the latest news

Patent Register:

all the updates

What is the coverage?



https://www.epo.org/searching-for-patents/data/coverage.html

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- Linked open EP data
- Bulk data sets
- Web services
- Coverage, codes and statistics
  - Updated weekly
  - Updated regularly

Weekly updates

These files are updated every Thursday. If Thursday is a public holiday, the update takes place on Friday.

File description	File type	File size	Last updated	Download
Contents and coverage of the DOCDB bibliographic data	XLSX	1224 KB	W 8/2021	**download**
Contents and coverage of the INPADOC legal event data	XLSX	786 KB	W 8/2021	**download**
Legal event codes	XLSX	272 KB	W 8/2021	**download**

Contents and coverage of the INPADOC legal event data

Authority	Event Code	Regional	First Date Gazette	Last Date Gazette	First Application			First Date Filed	Last Application			Last Date Filed	No. Events	Date Created	Influence	Description ENG	Last Update ENG	Description ORI	Last Update ORI	Category (INPADOC classification scheme)	Category Description (INPADOC classification scheme)
EP	APAM		06-07-2005	11-09-2020	EP	00200915	A	20-05-1994	EP	15784969	A	01-10-2015	85	20200602		INFORMATION ON CLOSURE OF APPEAL PROCEDURE MODIFIED	20200602	CHANGE: DECISION (+DATE) IN APPEAL PROCEDURE	20200602	V	APPEAL
EP	APAN		23-07-2005	20-08-2020	EP	88105808	A	22-12-1983	EP	14707820	A	05-03-2014	193	20200602		INFORMATION ON CLOSURE OF APPEAL PROCEDURE MODIFIED	20200602	CHANGE: DECISION (+DATE) IN APPEAL PROCEDURE	20200602	V	APPEAL
EP	APAO		11-10-2007	14-03-2020	EP	03019292	A	19-05-2000	EP	16186319	A	30-08-2016	31	20200602		INFORMATION ON INTERLOCUTORY REVISION MODIFIED	20200602	CHANGE: INTERLOCUTORY REVISION OF APPEAL	20200602	V	APPEAL
EP	APAP		29-09-2005	06-03-2018	EP	98118215	A	06-05-1996	EP	07850016	A	04-12-2007	5	20200602		INFORMATION ON INTERLOCUTORY REVISION MODIFIED	20200602	CHANGE: INTERLOCUTORY REVISION OF APPEAL	20200602	V	APPEAL
EP	APAQ		18-07-2011	08-09-2020	EP	98924330	A	01-06-1998	EP	15003605	A	17-12-2015	99	20200602		INFORMATION ON INVITATION TO FILE OBSERVATION IN APPEAL MODIFIED	20200602	CHANGE: INVITATION TO FILE OBSERVATIONS IN AN APPEAL + TIME LIMIT	20200602	V	APPEAL
EP	APAR		05-04-2011	25-08-2020	EP	93909679	A	19-05-1993	EP	12799127	A	05-12-2012	100	20200602		INFORMATION ON INVITATION TO FILE OBSERVATION IN APPEAL MODIFIED	20200602	CHANGE: INVITATION TO FILE OBSERVATIONS IN AN APPEAL + TIME LIMIT	20200602	V	APPEAL
EP	APAS		27-06-2013	02-09-2020	EP	01996074	A	14-11-2001	EP	12005662	A	03-08-2012	6	20200602		INFORMATION ON RECEIPT OF OBSERVATION IN APPEAL MODIFIED	20200602	CHANGE: RECEIPT OF OBSERVATIONS IN AN APPEAL	20200602	V	APPEAL
EP	APAT		24-06-2011	31-08-2020	EP	99925867	A	26-05-1999	EP	13157236	A	28-02-2013	15	20200602		INFORMATION ON RECEIPT OF OBSERVATION IN APPEAL MODIFIED	20200602	CHANGE: RECEIPT OF OBSERVATIONS IN AN APPEAL	20200602	V	APPEAL
EP	APAU		04-03-1996	04-03-1996	EP	84901108	A	15-03-1984	EP	88114712	A	08-09-1988	12	20200602		COMMUNICATION FROM THE BOARD OF APPEAL SENT	20200602	COMMUNICATIONS FROM THE BOARD OF APPEAL	20200602	V	APPEAL
EP	APAV		08-06-2005	11-09-2020	EP	90914375	A	05-09-1990	EP	18208783	A	28-11-2018	587	20200602		APPEAL REFERENCE DELETED	20200602	DELETION: APPEAL NUMBER	20200602	V	APPEAL
EP	APAW		25-02-2005	09-09-2020	EP	90903576	A	28-12-1989	EP	16000974	A	29-04-2016	1014	20200602		APPEAL REFERENCE DELETED	20200602	DELETION: APPEAL NUMBER	20200602	V	APPEAL
EP	APAX		09-09-2003	31-07-2020	EP	99109196	A	21-01-1992	EP	18208783	A	28-11-2018	124	20200602		DATE OF RECEIPT OF NOTICE OF APPEAL DELETED	20200602	DELETION: DATE OF RECEIPT OF NOTICE OF APPEAL	20200602	V	APPEAL

INPADOC Coverage table

Authority	Event Code	Regional	First Date Gazette	Last Date Gazette	First Application			First Date Filed	Last Application			Last Date Filed	No. Events
AR	FA		21-02-2004	24-04-2017	AR	33407595	A	01-11-1995	AR	P150102911	A	11-09-2015	14189

Date Created	Influence	Description ENG	Last Update ENG	Description ORI	Last Update ORI	Category (INPADOC classification scheme)	Category Description (INPADOC classification scheme)
20110427	-	ABANDONMENT OR WITHDRAWAL	20110427	ABANDONO O RETIRO	20110427	B	APPLICATION DISCONTINUATION

Authority	Two-letter code of countries and other organizations, such as regional intellectual-property organizations (WIPO STANDARD 3)
Event code	Up to 4 digits event code; identifying this particular event
Regional	Indication of regional event: EP, WO, CN (for HK), GB (for HK), SU (legacy)
First/Last date gazette	First and last publication date of this event in our database
First/Last application	First and last application number of patents/applications with this legal event; with the filing date of the application
No Events	How many events do we have in the database for this particular code?
Date created	When was this code added to the database?
Influence	Plus/minus influence indicator;
Description/ Last Update ENG	Last update of the English description of this code
Description/ Last Update ORI	Last update of the original description of this code
Category/ Description (INPADOC classification scheme)	This indicates the category to which belongs the code

INPADOC legal event data coverage

Authority	No. Events
EP	94624093
JP	59210325
CN	50702215
US	47342215
WO	22811920
KR	19536864
DE	10825740
BR	1916881
FR	1830924
GB	1788544
CA	1717030
AU	1114854
AT	784651
RU	769871
TW	689542
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ES	478817
NZ	378114
IL	274579
CH	265465
MX	208651
FI	191328
IT	166219
SE	139118
DD	126164
DK	119351
HU	111766
BE	106908
CZ	98593
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NO	86301
AR	72395
PT	58371
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CO	12231
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SK	9592
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SU	7960
LT	4669
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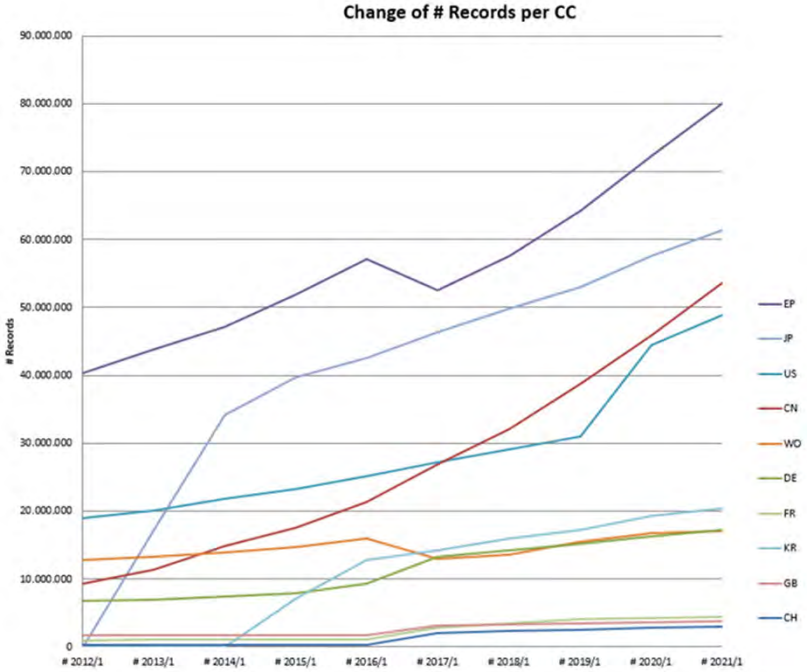
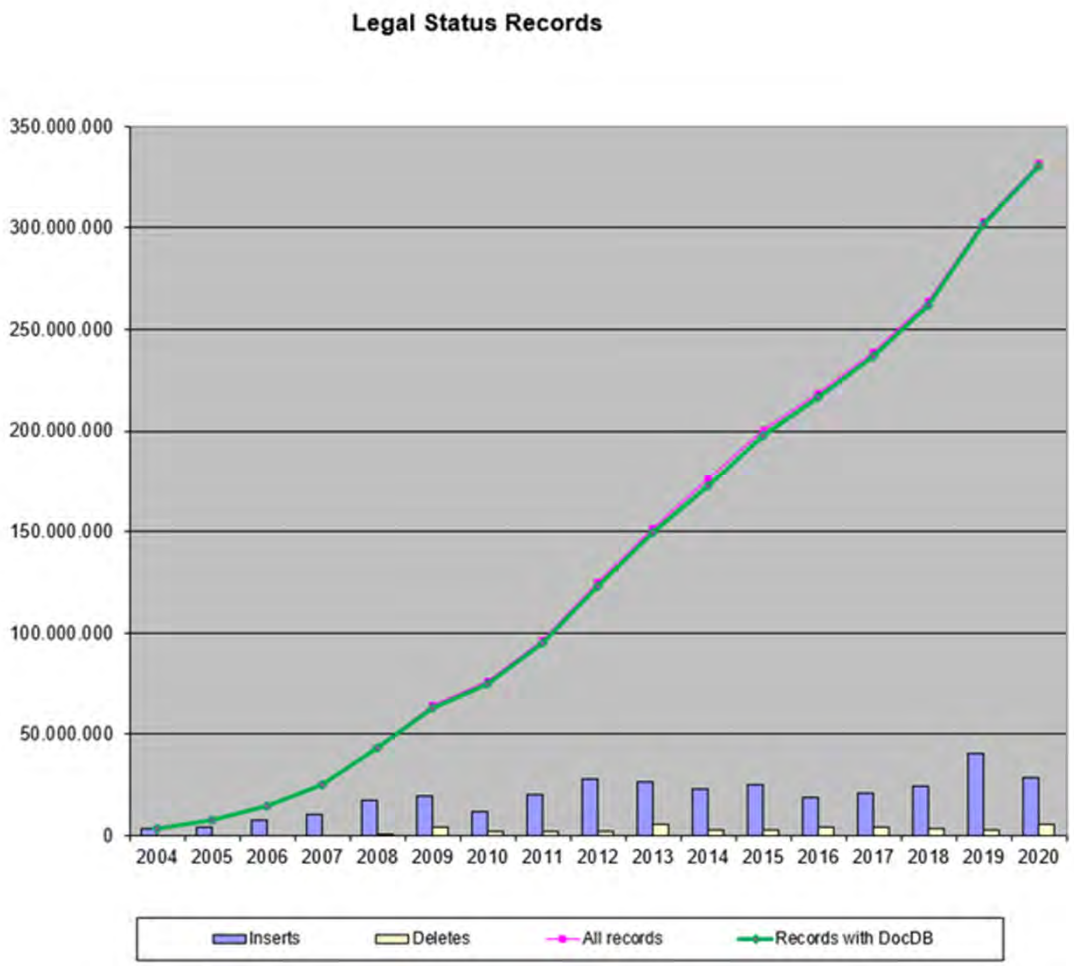
Total	**319477233**

45 Authorities deliver data on a regular basis




Legal Status Records
350.000.000
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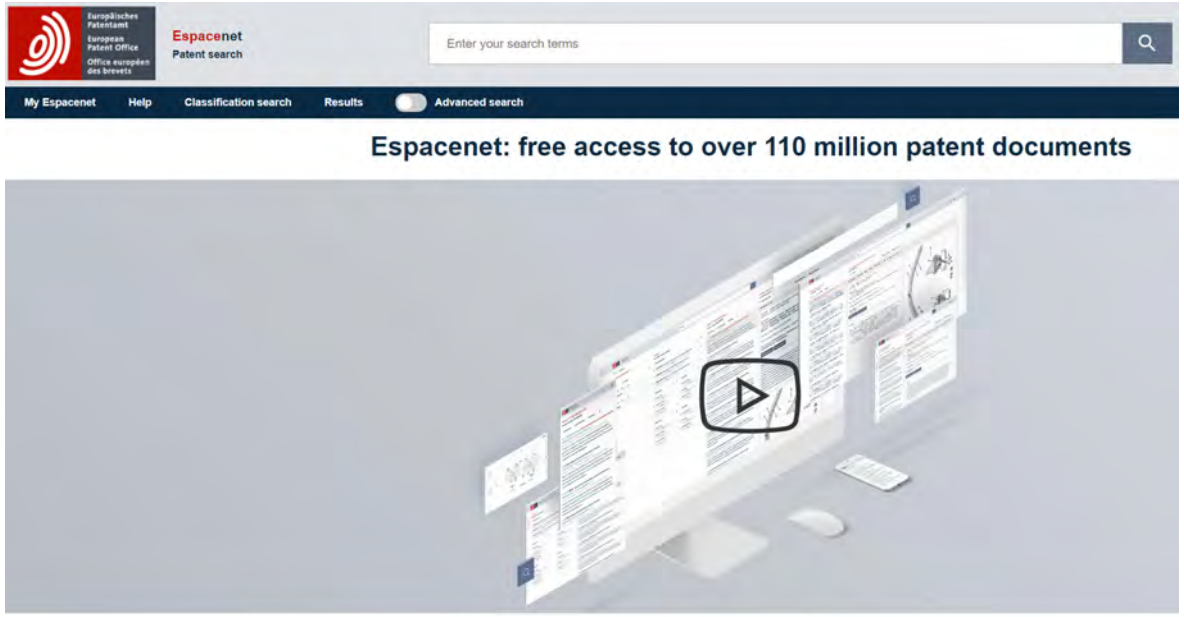
2020
Inserts
Deletes
All records
Records with DocDB

INPADOC legal event data: Categories



https://worldwide.espacenet.com/

INPADOC legal event data: Categories

- Use case: Patent documents with a large number of legal events
- Category information can help to structure/filter legal event data according to your needs
- Category information according to INPADOC classification scheme are available in New Espacenet and Global Patent Index

INPADOC legal event data: Categories

Sorted

Event indicator	Category	Event description	Countries	Event date	Effective date	Details
EP INTG	D: Search and examination	INTENTION TO GRANT ANNOUNCED		2018-10-17	2018-09-21	
EP INTG	D: Search and examination	INTENTION TO GRANT ANNOUNCED		2019-03-27	2019-02-15	
GB FG4D	F: IP right grant	EUROPEAN PATENT GRANTED		2019-03-27		
DE R096	F: IP right grant	DPMA PUBLICATION OF MENTIONED EP PATENT GRANT		2019-04-18		**Reference document** Country: DE Number: 602009057687
ES FG2A	F: IP right grant	DEFINITIVE PROTECTION		2019-10-18	2019-10-18	**Reference document** Country: ES Number: 2727798 Kind: T3
EP PG25	H: IP right cessation	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	LT	2019-07-31	2019-03-27	**Further information** LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO +

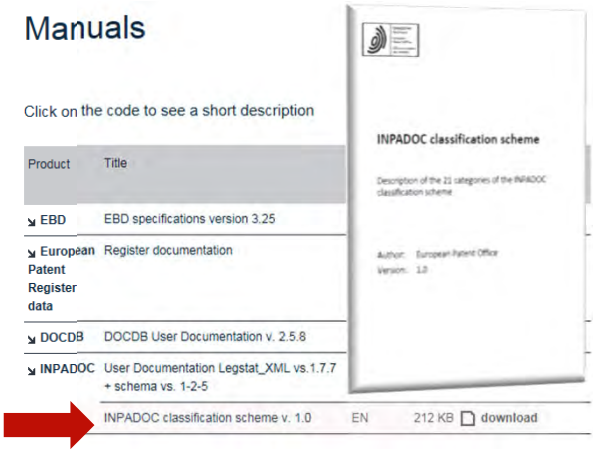
INPADOC legal event data: Categories

Categorising INPADOC legal event codes in use since 1997

Intellectual effort: Treatment of batches based on multiple control principle and rules laid down in reference document

Continuously updated

Modelled on WIPO Standard 27



Manual: https://www.epo.org/searching-for-patents/data/bulk-data-sets/manuals.html

INPADOC legal event data: Categories

Class	Description		
A	Application filing	P	Document modification
B	Application discontinuation	Q	Document publication
C	Application revival	R	Party data change
D	Search and examination	S	Licensing information
E	Pre-grant review request	T	Administrative procedure adjustment
F	IP right grant	U	Payment
G	Protection beyond IP right term	V	Appeal
H	IP right cessation	W	Other
K	IP right revival	Y	Correction/deletion of event information
L	IP right review request	Z	Not classified
M	IP right maintenance		

Am I infringing someone’s IP rights?

A Freedom to Operate (FTO) analysis invariably begins by searching patent literature for issued or pending patents, and obtaining a legal opinion as to whether a product, process or service may be considered to infringe any patent(s) owned by others.

Is this patent valid?

- EP 2419730
- US 9091679
- JP5776684

Why do I need legal event and legal status data?

- Competitors watch: Closely monitor competitor's applications, check who dominates certain markets. In which technical areas is your competitor active?

Global Patent Index: searching legal events

- INPADOC Legal events searchable in GPI
- BUT: also many commercial providers offer searchable solutions

Search with legal events

Use EVCA "event category", EVD "event date", APP "applicant/proprietor" and EVOW "owner mentioned in the event record" to retrieve patent documents of IP rights where reviews (e.g. opposition, surrender) were requested and published in gazettes or bulletins in January 2020, for the parties of interest:

EVCA = L with EVD = 202001 and APP or EVOW = "JFE STEEL" or NEC

Note:

- The WITH operator ensures that searched terms are in one single legal event, whereas AND may retrieve documents with one searched term in one legal event and another searched term not in the same legal event.
- Event categories are groups of legal events of a similar nature. The EPO grouped approximately 3 000 national, regional and international legal events in 21 categories based on the categories of WIPO standard ST.27. For example, the category L "IP right review request" corresponds to approximately 150 detailed legal events.

INPADOC searchable in Global Patent index

Global Patent Index (GPI)

- EASY SEARCH
- SIMPLE SEARCH
  - Publication
  - Application
  - Priority
  - Classification
  - Inventor
  - Applicant
  - Title
  - Abstract
  - Full text
  - Citation
  - DOCDB simple family
  - INPADOC legal events
    - EVD Event date
    - EVCA Event category
    - EVCO Event code
    - EVDE Event description
    - EVED Date of event legal effect
    - EVOW Owner mentioned in the event record

Looking up an inventor and find the latest events…

Query | 7 doc. (5 applications) | Application filter

INV= RAPPUOLI and APP= glaxo* and EVED=2020

Query | 7 doc. (5 applications) | Application filter

INV= RAPPUOLI and APP= glaxo* and EVED=2020

= < <= > >= [ ] ( ) " # ? ★

Result list 5 / 5

Publication	Application	Application date
US 9249196 B2 20160202	US 201213359442 A 20120126	20120126
US 9249198 B2 20160202	US 201414450082 A 20140801	20140801
US 9266929 B2 20160223	US 201414450075 A 20140801	20140801
US 2016151476 A1 20160602	US 201615015041 A 20160203	20160203
EP 3263591 A1 20180103	EP 17184493 A 20090220	20090220

Document 5 / 5

+ Biblio. + Description + Claims + Drawings + Search report

EP 3263591 A1 20180103

Event date	Event…	Event…	Event description
2020.06.30	U - Paym…	PGFP FR	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO] Country: FR Payment date: 2020.01.24 Year of fee payment: 12
2020.06.30	U - Paym…	PGFP TR	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO] Country: TR Payment date: 2020.02.11 Year of fee payment: 12
2020.05.29	U - Paym…	PGFP BE	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO] Country: BE Payment date: 2020.01.17 Year of fee payment: 12
2020.05.01	U - Paym…	PGFP DE	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO] Country: DE Payment date: 2020.01.15 Year of fee payment: 12

☆ **EP3263591A1** MENINGOCOCCAL FHBP POLYPEPTIDES

Bibliographic data | **Description** | **Claims** | **Drawings** | **Original document** | **Citations** | **Legal events** | **Patent family**

Register ↗ **Global Dossier** ↗

Applicants	GLAXOSMITHKLINE BIOLOGICALS SA [BE] +
Inventors	ARICO MARIA [IT]; GIULIANI MAZIA MONICA [IT]; PIZZA MARIAGRAZIA [IT]; RAPPUOLI RINO [IT]; SCARSELLI MARIA [IT] +
Classifications	
IPC	***A61K39/095; C07K14/22;***
CPC	**A61K39/095 (US); A61P37/04 (EP); C07K14/22 (EP,US);** A61K39/00 (EP,US);
Priorities	EP09713537A·2009-02-20; EP14200294A·2009-02-20; IB2009005038W·2009-02-20; US6671108A·2008-02-21; US6671108P·2008-02-21
Application	EP17184493A·2009-02-20
Publication	EP3263591A1·2018-01-03
Published as	**AU2009215364A1; AU2009215364B2; BRPI0907843A2; CA2716212A1; CN102356089A; CN102356089B; EP2245048A2; EP2245048B1; EP2886551A2; EP2886551A3;** EP3263591A1;**EP3263591B1; ES2532946T3; NZ587382A; NZ596805A; RU2010138815A; RU2012149618A; RU2015139827A; RU2475496C2; RU2567003C2; US2011020390A1; US2013115238A1; US9468673B2; US9579372B2; WO2009104097A2; WO2009104097A3**

Latest legal events in Espacenet

EP3263591A1 MENINGOCOCCAL FHBP POLYPEPTIDES

Available in

Bibliographic data | Description | Claims | Drawings | Original document | Citations | Legal events | Patent family

Simple family | INPADOC family | Latest legal events

CCD

Latest legal events relating to publications in the INPADOC family of EP3263591 as on 2020-09-25

The EPO does not accept responsibility for the accuracy of data originating from authorities other than the EPO, nor does it guarantee that such data is complete, up-to-date or fit for specific purposes.

Publication	Event indicator	Category	Event description	Country	Event date	More events	Links
EP3263591A1	EP PGFP	U: Payment	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	TR	2020-06-30	**(+46)**	
AU2009215364A1	AU MK14	H: IP right cessation	PATENT CEASED SECTION 143(A) (ANNUAL FEES NOT PAID) OR EXPIRED		2018-09-13	**(+2)**	
BRPI0907843A2	BR B08K	H: IP right cessation	LAPSE AS NO EVIDENCE OF PAYMENT OF THE ANNUAL FEE HAS BEEN FURNISHED TO INPI (ACC. ART. 87)		2019-04-02	**(+4)**	
CA2716212A1	CA FZDE	H: IP right cessation	DEAD		2018-08-22	**(+1)**	
CN102356089A	CN CF01	H: IP right cessation	TERMINATION OF PATENT RIGHT DUE TO NON-PAYMENT OF ANNUAL FEE		2019-02-15	**(+6)**	
EP2245048A2	EP PG25	H: IP right cessation	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	ES	2020-05-01	**(+82)**	
EP2886551A2	EP 18D	B: Application discontinuation	APPLICATION DEEMED TO BE WITHDRAWN		2019-02-06	**(+9)**	
ES2532946T3			No legal event data found				
ES2727798T3			No legal event data found				

https://worldwide.espacenet.com/patent/search/family/040775198/publication/EP3263591A1?q=EP3263591

Query 237 doc. (110 applications) Application filter

INV=RAPPUOLI and EVCA=L

EP 0322533 A1 19890705

Event date	Event cate...	Event code	Event description
2004.11.15	R - Party data change	REG CH PFA	NAME/FIRM CHANGED SCLAVO S.P.A.#VIA FIORENTINA 1#SIENA (IT) -TRANS SIENA(IT) Owner: CHIRON S.R.L.
2002.03.01	L - IP right review request	NLR1	NL: OPPOSITION HAS BEEN FILED WITH THE EPO Opponent: AVENTIS PASTEUR LIMITED
2002.01.09	Y - Correction and deletion of event information	R26	OPPOSITION FILED (CORRECTED) Opponent: AVENTIS PASTEUR LIMITED Effective date: 1996.02.22
2002.01.01	Z - Categorisa... pending	REG GB IF02	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
1997.07.01	L - IP right review request	NLR1	NL: OPPOSITION HAS BEEN FILED WITH THE EPO Opponent: CONNAUGHT LABORATORIES LIMITED
1997.05.07	Y - Correction and deletion of event information	R26	OPPOSITION FILED (CORRECTED) Opponent: CONNAUGHT LABORATORIES LIMITED Effective date: 1996.02.22
1996.06.03	L - IP right review request	NLR1	NL: OPPOSITION HAS BEEN FILED WITH THE EPO Opponent: CONNAUGHT LABORATORIES LIMITED
1996.04.17	L - IP right review request	26	OPPOSITION FILED Opponent: CONNAUGHT LABORATORIES LIMITED Effective date: 1996.02.22

Query 237 doc. (110 applications) Application filter

INV=RAPPUOLI and EVCA=L

EP 1645631 A2 20060412

Event date	Event cate...	Event code	Event description
2008.11.26	Y - Correction and deletion of event information	R26	OPPOSITION FILED (CORRECTED) Opponent: WYETH ET AL. Effective date: 2008.07.23
2008.11.03	L - IP right review request	NLR1	NL: OPPOSITION HAS BEEN FILED WITH THE EPO Opponent: WYETH ET AL.
2008.11.03	R - Party data change	NLT2	NL: MODIFICATIONS (OF NAMES), TAKEN FROM THE EUROPEAN PATENT PATENT BULLETIN Owner: NOVARTIS VACCINES AND DIAGNOSTICS, INC. EN J. CRAI Effective date: 2008.09.10
2008.09.17	L - IP right review request	26	OPPOSITION FILED Opponent: WYETH ET AL. Effective date: 2008.07.23
2008.09.15	S - Information on licensing and similar transactions	REG CH PUEA	ASSIGNMENT OF THE SHARE THE INSTITUTE FOR GENOMIC RESEARCH#9212 MEDICAL CENTER DRIVE#ROCKVILLE, MARYLAND 20850 (US) $ NOVARTIS VACCINES AND DIAGNOSTICS, INC.#4560 HORTON STREET#EMERYVILLE, CA 94608 (US) - TRANSFER TO- NOVARTIS VACCINES AND DIAGNOSTICS, INC.#4560 HORTON STREET#EMERYVILLE, CA 94608 (US) $ J. CRAIG VENTER INSTITUTE, INC.#9704 MEDICAL CENTER DRIVE#ROCKVILLE, MD 20850 (US) Owner: NOVARTIS VACCINES AND DIAGNOSTICS, INC.

References

Home › Searching for patents › Data › Coverage, codes and statistics

- Linked open EP data
- Bulk data sets
- Web services
- Coverage, codes and statistics
  - Updated weekly
  - Updated regularly

Coverage, codes and statistics

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Publication day

The publication day for **European patent applications and patent specifications (EP)** is Wednesday, irrespective of whether this day is a public holiday or not.

› Updated weekly

The information in this section relates to the content of the bibliographic database (DOCDB) and the worldwide legal status database (INPADOC). Both databases are fed weekly and the corresponding reports are made available in this section.

› Updated regularly

Files providing more general information.

https://www.epo.org/searching-for-patents/data/coverage.html

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Manuals

Click on the code to see a short description

Product	Title	Language	File size	Download	Html version
EBD	EBD specifications version 3.25	EN	627 KB	download	
European Patent Register data	Register documentation	EN			go to page
DOCDB	DOCDB User Documentation v. 2.5.8	EN	4 MB	download	
INPADOC	User Documentation Legstat_XML vs.1.7.7 + schema vs. 1-2-5	EN	3.1 MB	download	
	INPADOC classification scheme v. 1.0	EN	212 KB	download	
OPS	Open Patent Services documentation	EN			go to page
PATSTAT	PATSTAT documentation	EN			go to page

https://www.epo.org/searching-for-patents/data/bulk-data-sets/manuals.html

EP MEMBER STATES and INFORMATION ON NATIONAL ENTRY of EP

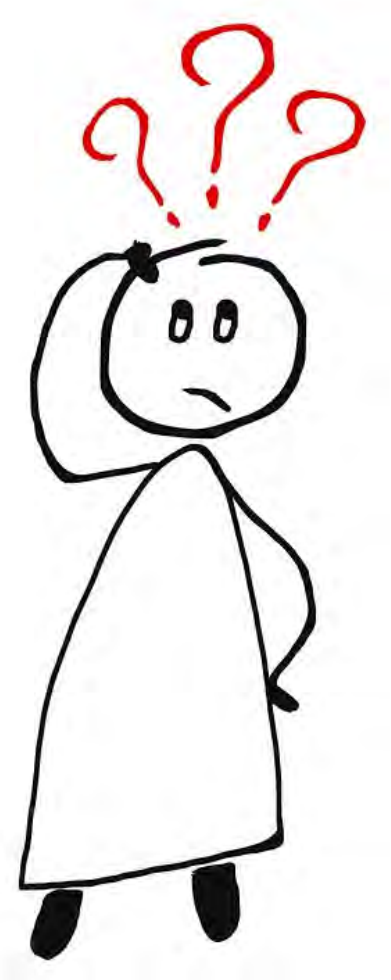
Sources of information on national phase entries of EP patents PDF 16 KB W 30/2019 download

This table shows how information on EP national entry is propagated in EPO databases and where/how you can find it

				Bibliographic information			Legal information			
	Country code	EPC member state	EPC member since	New document number for translation of entry to national phase publication	EPO's kind code for translation publication	Translation publication available in DOCDB/patent family	Legal status INPADOC for national entry publication available in	Post-grant information available in EP Register	Federated register service available in EP Register	NEW: Date of exact EXPIRATION OF PROTECTION (20 years from filling: on, before or after)
1	AL	Albania	01 May 2010		no	no	no	yes	no	anniversary of filling
2	AT	Austria	01 May 1979	yes	T1-T9	yes **	EP application	yes	yes 01.2016	anniversary of filling
3	BE	Belgium	07 October 1977	only EP/BE ****	T1, T2****	yes**** **	EP application	yes	yes 11.2017	anniversary of filling
4	BG	Bulgaria	01 July 2002		no	no	no	yes	yes 05.2017	anniversary of filling
5	CH	Switzerland	07 October 1977	only EP/CH ****	no	yes	EP application	yes	yes 02.2016	1 day before anniversary
6	CY	Cyprus	01 April 1998	yes	T1, T2	yes ***	no	yes	no	anniversary of filling
7	CZ	Czech Republic	01 July 2002		no	no	no	yes	yes	anniversary of filling
8	DE	Germany	07 October 1977	*only EP/DE****	* T1-T9	* yes	EP application	yes	yes 08.2018	anniversary of filling
9	DK	Denmark	01 January 1990	only EP/DK*	T1-T7	yes	EP application	yes	no	anniversary of filling
10	EE	Estonia	01 July 2002	yes	B1-B9	yes	EP application	yes	no	1 day before anniversary
11	ES	Spain	01 October 1986	yes	T1-T9	yes	ES record	yes	yes 09.2016	anniversary of filling
12	FI	Finland	01 March 1996	yes	T3	yes	no	yes	yes 03.2016	anniversary of filling
13	FR	France	07 October 1977	*only EP/FR****	* T	* yes	EP application	yes	yes 10.2019	1 day before anniversary
14	GB	United Kingdom	07 October 1977		no	no	EP application	yes	yes 05.2018	1 day before anniversary
15	GR	Greece	01 October 1986	yes	T1-T7	yes**	no**	yes	yes 03.2016	1 day after anniversary
16	HR	Croatia	01 January 2008	yes	T1-T8	yes	no	yes	yes 06.2016	1 day before anniversary

https://www.epo.org/searching-for-patents/data/coverage/regular.html

Questions



Conclusions

- Check the coverage table of the database to learn about the countries and the events of the INPADOC legal status database
- Use the categories to interpret the events
- Include legal events in your searches; they might lead you to new or unexpected information

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