



# Getting to Know the Family with FFAM - The INPADOC Display Format Explained

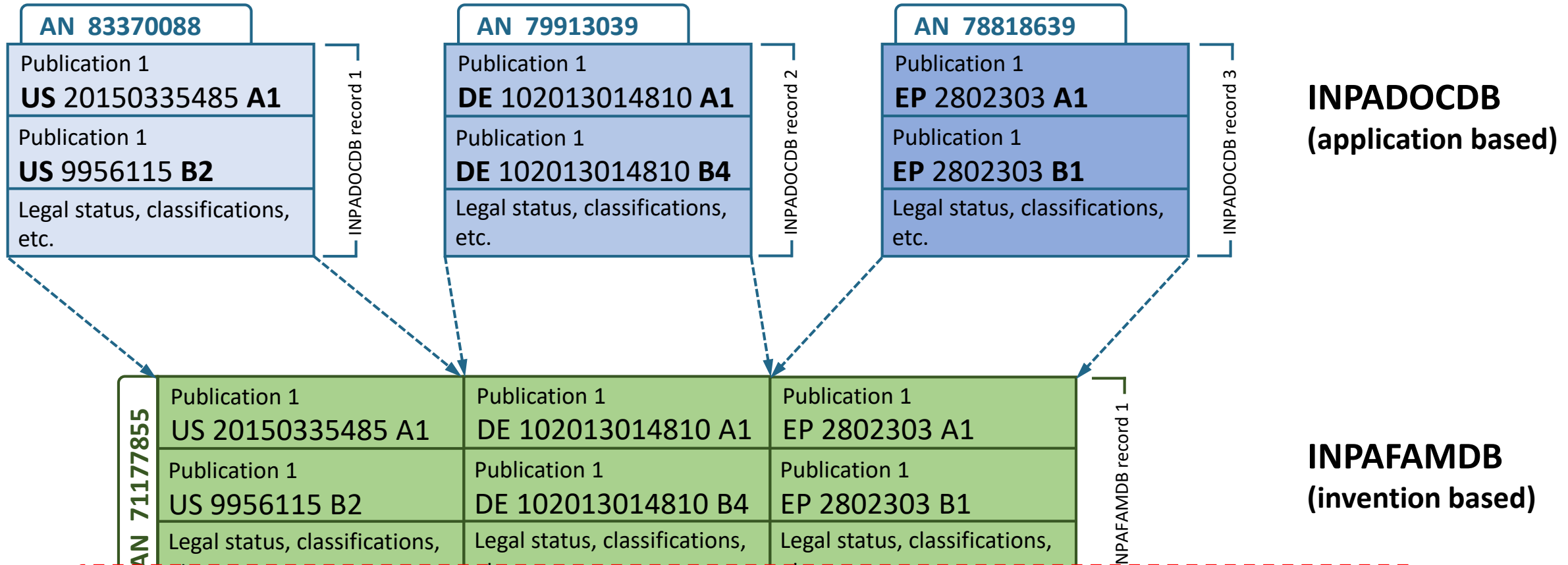
Ernst Aichinger

# Agenda

- INPADOCDB / INPAFAMDB on STNext
- A tour through a FFAM display and selected details highlighted
- How FFAM can help to interpret patent families



# Two implementations: INPADOCDB vs. INPAFAMDB



**INPADOCDB provides various display formats for the efficient display of patent family information without the need to transfer the data to INPAFAMDB.**

# Two implementations: INPAFAMDB and INPADOODB

- Companion files with different compilation of patent publications
- All **publication levels of a patent authority for one application** form one record in INPADOODB
- All patent **publications of one patent family (invention)** form one record in INPAFAMDB:

- The accession number **AN** (INPAFAMDB) is based on the family number FN of INPADOODB
- The document number **DN** (INPAFAMDB) is the Accession Number AN from INPADOODB

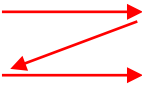
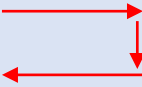
INPAFAMDB **AN** ↔ **FN** INPADOODB

INPAFAMDB **DN** ↔ **AN** INPADOODB

**!** INPADOODB provides various display formats for the efficient display of patent family information without the need to transfer the data to INPAFAMDB.

# Patent family display formats

Test different display formats to find the format that best suits your projects.

Use this format	To display .....
CFAM	A simple table of publication numbers only
CFAM2	Condensed table with PI, AI and PRAI details
SFAM	CFAM2, with EPO simple patent family identifiers used as header information to form separate patent family tables
FAM 	A table of priority, application and publication numbers (connected by application number)
FAM2 	A table of priority, application and publication numbers (connected by publication number)
DFAM	Delimited Family format, table of priority, application and publication information delimited for post-processing (SET LINE 110)
EFAM	FAM, with priority numbers used as header information to form separate patent family tables
FFAM	Full Family format with full bibliography, classifications and legal status information for each authority

Summary display formats

Full family format. Further full formats: See database summary sheets

# Schematic representation of FFAM

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**MEMBER 1**

BR 112015020935 A2  
Bibliography (BIB)  
Classifications (IND)  
Legal Status (LS)

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**MEMBER 2**

CA 2901564 A1  
Bibliography (BIB)  
Classifications (IND)  
CA 2901564 C  
Bibliography (BIB)  
Classifications (IND)  
Legal Status (LS)

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**MEMBER 3**

CN 105026648 A  
Bibliography (BIB)  
Classifications (IND)  
CN 105026648 B  
Bibliography (BIB)  
Classifications (IND)  
Legal Status (LS)

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**MEMBER 4**

EP 2961886 A1  
Bibliography (BIB)  
Classifications (IND)  
EP 2961886 A4  
Bibliography (BIB)  
Classifications (IND)  
EP 2961886 B1  
Bibliography (BIB)  
Classifications (IND)  
Legal Status (LS)

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**MEMBER 5**

ES 2691843 T3  
Bibliography (BIB)  
Classifications (IND)  
Legal Status (LS)

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**MEMBER 6**

JP 2016508551 A  
Bibliography (BIB)  
Classifications (IND)  
Legal Status (LS)

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**MEMBER 7**

US 20160010282 A1  
Bibliography (BIB)  
Classifications (IND)  
US 9708771 B2  
Bibliography (BIB)  
Classifications (IND)  
Legal Status (LS)

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**MEMBER 8**

WO 2014132175 A1  
Bibliography (BIB)  
Classifications (IND)  
Legal Status (LS)

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FSTAT

- FFAM displays the **bibliography** and **classifications** for each publication and the **legal status** information for each member.
- Members are publication series originating from one application.
- Members are sorted according to patent numbers (patent country).

# A tour through a FFAM display (1/5)

-----  
MEMBER 4  
-----

AN 77064820 INPADOCDB ED 20160107 EW 201601 UP 20200326 UW 202008 Full-text  
FN 46771716  
TIDE WAeSSRIGE EMULSION AUS EINEM SCHLICHTUNGSMITTEL.  
TL German  
TIEN AQUEOUS EMULSION OF A SIZING AGENT.  
TL English  
TIFR EMULSION AQUEUSE D'UN AGENT DE COLLAGE.  
TL French  
IN HAUFE, INGRID; MOELLER, KLAUS; KURUCZ, ATTILA  
INS HAUFE INGRID, DE; MOELLER KLAUS, DE; KURUCZ ATTILA, AT  
PA BASF SE  
PAS BASF SE, DE  
DT Patent  
PI EP 2961886 A1 20160106 English  
DS R: AL 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 RS SE SI SK SM TR  
XS: BA ME  
PIT EPA1 APPLICATION PUBLISHED WITH SEARCH REPORT  
DAV 20160106 examined-printed-without-grant  
STA PRE-GRANT PUBLICATION  
XPD 20340224  
AI EP 2014-757478 A 20140224 EPA Patent application  
PRAI US 2013-61771099 P 20130301 USP Provisional application (N,20141023)  
EP 2013-157373 A 20130301 EPA Patent application (Y,20141023)  
WO 2014-IB59202 W 20140224 WOWW Additional PCT application (N,  
20150924)

Dates referring to publication below:  
Entry Date (ED)  
Entry Week (EW)  
Update Date (UP)  
Update Week (UW)

Document type (/DT):  
Design patents 1119668  
Patents 100772551  
Utility models 20570993

EP extension states are a subfield of DS (currently BA Bosnia and Herzegovina and ME Montenegro)

# A tour through a FFAM display (2/5)

```

...
PI EP 2961886 A1 20160106 English
DS R: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR
LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK
XS: BA ME
PIT EPA1 APPLICATION PUBLISHED WITH SEARCH REPORT
DAV 20160106 examined-printed-without-grant
STA PRE-GRANT PUBLICATION
XPD 20340224
AI EP 2014-757478 A 20140224 EPA Patent application
PRAI US 2013-61771099 P 20130301 USP Provisional application
EP 2013-157373 A 20130301 EPA Patent application (Y,20
WO 2014-IB59202 W 20140224 WOWW Additional PCT applicat
20150924)
EP 2014-757478 A 20140224 EPA Patent application (N,20
IPCI D21H0017-56; D21H0021-16; D21H0017-00; D21H0017-07; D21H0017-15;
D21H0017-16; D21H0017-17; D21H0017-34; D21H0017-37; D21H0017-55
CPC D21H0017-34; D21H0017-37; D21H0017-37; D21H0017-55; D21H0017-55;
D21H0017-56; D21H0017-56; D21H0017-72; D21H0021-16; D21H0021-16;
D21H0017-07; D21H0017-07; D21H0017-15; D21H0017-16; D21H0017-16;
D21H0017-17; D21H0017-17
FA CPC; DAV; DS; DT; IN; INS; INO; IPCI; LA; LSDF; LSFT; LSIC; LSOP; LSPA;
LSPI; LSPMY; PA; PAS; PI; TIEN; TIFR; TIDE; XPD

AN 77064820 INPADOCDB ED 20161020 EW 201642 UP 20200326 UW 202008 Full-text
FN 46771716
TIDE WAeSSRIGE EMULSION AUS EINEM SCHLICHTUNGSMITTEL.
TL German
TIEN AQUEOUS EMULSION OF A SIZING AGENT.
TL English

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Patent Information Publication Type (PIT):  
Kind Code with text

Data availability (DAV): Publication types are  
classified into 13 classes. (HELP DAV)

Status of publication  
60881590 GRANTED/STA  
62460823 PRE-GRANT PUBLICATION/STA  
75752 UNKNOWN/STA

Calculated expiration date (XPD)  
More information with HELP XPD





# A tour through a FFAM display (4/5)

```
... EP 2014-757478 A 20140224 EPA Patent application (N,20160107)
IPCI D21H0017-56; D21H0021-16; D21H0017-00; D21H0017-07; D21H0017-15;
D21H0017-16; D21H0017-17; D21H0017-34; D21H0017-37; D21H0017-55
CPC D21H0017-34; D21H0017-37; D21H0017-37; D21H0017-55; D21H0017-55;
D21H0017-56; D21H0017-56; D21H0017-72; D21H0021-16; D21H0021-16;
D21H0017-07; D21H0017-07; D21H0017-15; D21H0017-16; D21H0017-16;
D21H0017-17; D21H0017-17
FA CPC; DAV; DS; DT; IN; INS; INO; IPCI; LA; LSDF; LSFT; LSIC; LSOP; LSPA;
LSPI; LSPMY; PA; PAS; PI; TIEN; TIFR; TIDE; XPD

AN 77064820 INPADOCDB ED 20161020 EW 201642 UP 20200326 UW 202008
FN 46771716
TIDE WAeSSRIGE EMULSION AUS EINEM SCHLICHTUNGSMITTEL.
TL German
TIEN AQUEOUS EMULSION OF A SIZING AGENT.
TL English
TIFR EMULSION AQUEUSE D'UN AGENT DE COLLAGE.
TL French
IN HAUFE, INGRID; MOELLER, KLAUS; KURUCZ, ATTILA
INS HAUFE INGRID, DE; MOELLER KLAUS, DE; KURUCZ ATTILA, AT
PA BASF SE
PAS BASF SE, DE
DT Patent
PI EP 2961886 A4 20161019 English
DS R: AL 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 RS SE SI SK SM TR

PIT EPA4 SUPPLEMENTARY SEARCH REPORT
DAV 20161019 supplemental-srep-reference
STA PRE-GRANT PUBLICATION
XPD 20340224
```

Classifications

Field Availability (FA), e.g.  
S L1 AND CPC/FA  
S L1 AND TIFR/FA

Next publication belonging to  
the same member, here EPA4 of  
member 4.



# A tour through a FFAM display (5/5)

Temporal sequence

```

...
LEGAL STATUS
AN 77064820 INPADOCDB Full-text
20160106 EPAX + REQUEST FOR EXTENSION OF THE EUROPEAN PATENT
                BA ME
                MIS Miscellaneous or Ambiguous
                .....20161006
20160106 EPAK + DESIGNATED CONTRACTING STATES
                EP A1
                AL 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 RS SE SI SK SM TR
                MIS Miscellaneous or Ambiguous
                .....20161006
20160106 EP17P + REQUEST FOR EXAMINATION FILED
                20151001
                EXA Examination, Search Report
                .....20161006
20160608 EPDAX - REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (DELETED)
                MIS Miscellaneous or Ambiguous
                .....20161006
20161019 EPRIC1 INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT
                D21H0021/16
                CLA Change, Removal or Addition of Classifications
                .....20161027
20161019 EPA4 + SUPPLEMENTARY SEARCH REPORT DRAWN UP AND DESPATCHED
                20160916
                EXA Examination, Search Report
                .....20161027
20161019 EPRIC1 INFORMATION PROVIDED ON IPC CODE ASSIGNED BEFORE GRANT
                D21H0017/17
    
```

FFAM displays the LS for each member

One unit describes one legal event

Legal Status codes are gathered in legal status code categories (/LSC2) to simplify legal status retrieval.

# Search tip 1: Combine FFAM with a summary format

=> D CFAM FFAM

L1 ANSWER 1 OF 1 INPADOCDB COPYRIGHT 2021 EPO/FIZ KA on STN

## PATENT FAMILY INFORMATION

AN 87743928 INPADOCDB

+-----PI-----+

BR 112015020935	A2 20170718
CA 2901564	A1 20140904
CA 2901564	C 20180220
CN 105026648	A 20151104
CN 105026648	B 20171208
EP 2961886	A1 20160106
EP 2961886	A4 20161019
EP 2961886	B1 20180718
ES 2691843	T3 20181128
JP 2016508551	A 20160322
US 20160010282	A1 20160114
US 9708771	B2 20170718
WO 2014132175	A1 20140904

FSTAT 5 priorities, 8 applications, 13 publications (1 EPO simple family)  
8 countries, 131 legal status events

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MEMBER 1  
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AN 87743928 INPADOCDB ED 20180412 EW 201815 UP 20200312 UW 202008 Full-text

FN 46771716

TIQI metodo para preparacao de uma emulsao aquosa de um agente de encolamento

Combine FFAM with a summary format, e.g. FAM, FAM2, **CFAM2**, etc.

Selecting several family display formats in one display command incurs only one display-fee.

1. CFAM gives you a concise view of the patent family.

2. FFAM provides the detailed information for each member...

## Search tip 2: Information on publication types



**1000** **publication types** (Kind Code information) are listed in the PIT-field (*Patent Information Publication Types*)

**13** **publication categories** in the DAV-field (*Data Availability*)

**2** **status categories** in the STA-field (*Patent Status, coming: Patent Stage*)  
GRANTED and PRE-GRANT PUBLICATION (and UNKNOWN)

# Search tip 2: Information on publication types



**1000** **publication types** (Kind Code information) are listed in the PIT-field (*Patent Information Publication Types*)

Around 1000 patent kind codes are listed in INPADOC. Use EXPAND or HELP KIND to list the definitions for the kind codes. The field PIT includes the description of the kind code, whereas the field PK (Patent Kind Code) only lists the code.

**13** **publication categories** in the DAV-field (*Data Availability*)

The 13 category names are based on publication types, **independent of PIT**, and can be used to interpret (uncommon) patent kind codes. The category name is listed beside the publication date. See explanations for the 13 categories with HELP DAV.

**2** **status categories** in the STA-field (*Patent Status, coming: Patent Stage*)  
GRANTED and PRE-GRANT PUBLICATION (and UNKNOWN)

The STA field (GRANTED / PRE-GRANT PUBLICATION / UNKNOWN) offers a convenient possibility to limit answer sets or alerts, for example to granted patents, e.g.  
S BOEHRINGER/PA AND GB/PC AND GRANTED/STA

# Search tip 2: Use information about publication types

AN 99919284 INPADOCDB ED 20200409 EW 202015 UP 20200409 UW 20  
FN 54505648  
TIEN DEVELOPMENT OF LEAD ION TESTING PAPER WITH NAKED-EYE OBSER  
FOR TEN MIN ON-SITE DETECTION.  
TL English  
DT Patent  
PI HK 1224889 A2 20170825 English  
PIT HKA2 GRANTED SHORT-TERM PATENT [FROM 19980501 ONWARDS]  
DAV 20170825 printed-with-grant  
STA GRANTED  
XPD 20241012  
AI HK 2016-111758 A 20161012 HKA Patent application  
PRAI US 2016-15294041 A 20161014 USA Patent application  
US 2015-62240502 P 20151012 USP Provisional applicat

This is an A2 publication from Hong Kong.

PIT defines A2 as GRANTED SHORT-TERM PATENT. See also XPD.

Date of publication by printing or similar process of document on which grant has taken place on or before the said date.

HKA2 is granted.



# Search tip 2: Use information about publication types

AN 99919284 INPADOCDB ED 20200409 EW 202015 UP 20200409 UW 202015 Full-text  
FN 54505648  
TIEN DEVELOPMENT OF LEAD ION TESTING PAPER WITH NAKED-EYE OBSERVABLE READOUT  
FOR TEN MIN ON-SITE DETECTION.  
TL English  
DT Patent  
PI HK 1224889 A2 20170825 English  
PIT HKA2 GRANTED SHORT-TERM PATENT [FROM 19980501 ONWARDS]  
DAV 20170825 printed-with-grant  
STA GRANTED  
XPD 20241012  
AI HK 2016-111758 A 20161012 HKA Patent application  
PRAI US 2016-15294041 A 20161014 USA Patent application (N,20180426)  
US 2015-62240502 P 20151012 USP Provisional application (Y,20170427)

AN 92235949 INPADOCDB ED 20181206 EW 201849 UP 20200326 UW 202008 Full-text  
TIEN Polymer and Composition Including Same, and Adhesive Composition.  
PAS NISSAN CHEMICAL IND LTD, JP  
DT Patent  
PI MY 168166 A 20181011 English  
PIT MYA UK PATENTS REGISTERED [UNTIL 19860930] or LAID OPEN APPLICATION FOR  
PATENT OF INVENTION / UTILITY MODEL [FROM 19861001 ONWARDS] or GRANTED  
PATENT / UTILITY MODEL [FROM 19900901]  
DAV 20181011 not-printed-with-grant  
STA GRANTED

Information in the fields PIT, DAV  
and STA allow efficiently reviewing  
uncommon publication types

# Search tip 3: Countries covered with EP (1/3)

## PATENT FAMILY INFORMATION

AN 86178961 INPADOCDB

+-----PI-----+

EP 3257923	A1 20171220
EP 3257923	B1 20200408
JP 2018028056	A 20180222
JP 2019214738	A 20191219
US 20170362538	A1 20171221
US 10214707	B2 20190226

In which countries is the EP patent valid?

FSTAT 1 priority, 4 applications, 6 publications (1 EPO simple family)  
3 countries, 58 legal status events

# Search tip 3: Countries covered with EP (2/3)

=> D FFAM.EP ●

AN 86178961 INPADOCDB ED 20200409 EW 202015 UP 20200409 UW 202016 Full-text  
FN 56742304  
TIDE SPUELMITTELZUSAMMENSETZUNG FUER AUTOMATISCHES GESCHIRRSPUELEN.  
TL German  
TIEN AUTOMATIC DISHWASHING DETERGENT COMPOSITION.  
TL English  
TIFR COMPOSITION DE DETERGENT DE LAVE-VAISSELLE AUTOMATIQUE.  
TL French  
IN BEWICK, Lindsay Suzanne; BROOKER, Alan Thomas; SOUTER, Philip Frank  
INS BEWICK LINDSAY SUZANNE, GB; BROOKER ALAN THOMAS, GB; SOUTER PHILIP FRANK,  
GB  
PA The Procter & Gamble Company  
PAS PROCTER & GAMBLE, US  
DT Patent  
PI EP 3257923 B1 20200408 English  
DS R: AL 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 RS SE SI SK SM TR  
PIT EPB1 PATENT SPECIFICATION  
DAV 20200408 printed-with-grant  
STA GRANTED  
XPD 20360617  
AI EP 2016-175139 A 20160617 EPA Patent application  
PRAI EP 2016-175139 A 20160617 EPA Patent application (Y,20171221)  
IPCI C11D0001-72; C11D0001-74; C11D0001-825; C11D0003-00; C11D0003-20;  
C11D0017-04  
CPC C11D0001-74; C11D0001-825; C11D0003-0047; C11D0003-2086; C11D0003-361;  
C11D0003-3715; C11D0003-378; C11D0003-386; C11D0003-395; C11D0017-042;

Display only selected authorities,  
e.g. FFAM.WO  
FFAM.US  
...

Designated states are listed in DS.

# Search tip 3: Countries covered with EP (3/3)

20200415	EPREG ATREF	REFERENCE TO A NATIONAL CODE + AT: REFERENCE TO AT NUMBER (EP PATENT ENTERS AUSTRIAN NATIONAL PHASE) AT 1254387 T 20200415 ENP Entry into National Phase .....20200423
20200415	EPREG CHEP	REFERENCE TO A NATIONAL CODE + CH: EUROPEAN PATENT TAKES EFFECT AS A NATIONAL PATENT IN CH/LI ENP Entry into National Phase .....20200423
20200430	EPREG DER096	REFERENCE TO A NATIONAL CODE + DE: DPMA PUBLICATION OF MENTIONED EP PATENT GRANT DE 602016033390 PUB New or withdrawn Publication .....20200507
20201030	EPPG25	- LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO] LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT GR: 20200709 LAP Lapse (Non-Payment of Fees) .....20201112
20201030	EPPG25	- LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO] LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE

Use the legal status information of the FFAM display format to analyze the protection covered with the EP document

**Optional:** Restrict answer set to specific legal status codes and/or categories, e.g.  
S L1 AND (EP/LSCC (L) ENP/LSC2)  
D KWIC  
or ... **(CH/LSCC (L) ENP/LSC2)**

# Search tip 4: PCT entering national phase

## PATENT FAMILY INFORMATION

AN 93518853 INPADOCDB

+-----PI-----+

AU 2017288933	A1 20190214
BR 112018077095	A2 20190402
CN 109844819	A 20190604
EP 3475923	A1 20190501
EP 3475923	A4 20200101
JP 2019526847	A 20190919
JP 6813600B	B2 20210113
KR 2019014105	A 20190211
US 20170372510	A1 20171228
US 10706613	B2 20200707
WO 2018005359	A1 20180104

Which publications are based on the PCT application?

FSTAT 3 priorities, 8 applications, 11 publications (1 EPO simple family)  
8 countries, 69 legal status events

# Search tip 4: PCT entering national phase

=> D FFAM

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MEMBER 1  
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AN 93518853 INPADOCDB ED 20190228 EW 201909 UP 20210121 UW 202103 Full-text  
FN 56941447  
TIEN Systems and methods for dynamic occlusion handling.  
TL English  
IN Ye, Mao; Chen, Yen-Lin; Ren, Liu; Do, Chao  
INS YE MAO; CHEN YEN-LIN; REN LIU; DO CHAO  
PA ROBERT BOSCH GMBH  
PAS BOSCH GMBH ROBERT, DE  
DT Patent  
PI AU 2017288933 A1 20190214 English  
PIT AUA1 OPEN TO PUBLIC INSPECTION [FROM 20010524 ONWARDS]  
DAV 20190214 unexamined-not-printed-without-grant  
STA PRE-GRANT PUBLICATION  
XPD 20370626  
AI AU 2017-288933 A 20170626 AUA Patent application  
PRAI US 2016-62354891 P 20160627 USP Provisional application (Y,20180111)  
WO 2017-US39278 W 20170626 WOWW Additional PCT application (N,201902  
IPCI G06T0019-00  
CPC G06T2200-04; G06T2207-10024; G06T2207-10028; G06T0007-55; G06T0005-50;  
G06T0015-205; G06T0015-40; G06T0019-006; G06T2207-10024; G06T2207-10028;  
G06T0005-50; G06T0015-405; G06T0019-006

The FFAM display lists all members, including application numbers and priorities, and the legal status for the PCT application (at the end).

**(1)** The PCT application has been filed in US and has the same filing date as the AU application.

# Search tip 4: PCT entering national phase

## LEGAL STATUS

```
AN      86546480 INPADOCDB
20181128 WO121      EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS
                   DESIGNATED IN THIS APPLICATION
                   EP 17821009          A1
                   ENP Entry into National Phase
                   .....20181206
20181226 WOENP      ENTRY INTO THE NATIONAL PHASE
                   JP 2018567839        A
                   JP
                   ENP Entry into National Phase
                   .....20190516
20181228 WONENP     NON-ENTRY INTO THE NATIONAL PHASE
                   DE
                   NEN Non-Entry into National Phase (WO)
                   .....20190207
20190122 WOREG      REFERENCE TO NATIONAL CODE
                   BRB01A              BR: PCT PUBLICATION - REQUEST FOR ENTRY INTO THE NATIONAL
                   PHASE
                   BR 112018077095
                   ENP Entry into National Phase
                   .....20190131
...
20190214 WOENP      ENTRY INTO THE NATIONAL PHASE
                   AU 2017288933        A 20170626
                   AU
                   ENP Entry into National Phase
                   .....20190221
20190402 WOENP      ENTRY INTO THE NATIONAL PHASE
                   BR 112018077095        A2
```

**(2)** The legal status information provides entry (and non-entry) information of PCT applications. The legal events therefore are listed with the PCT application.

**Optional:** Restrict answer set to specific legal status codes and/or categories, e.g.  
S L1 AND (AU/LSCY (L) ENP/LSC2)

# Key takeaways

- FFAM provides relevant information for patent family analysis in a highly structured manner:
  - Full bibliography for each publication
  - An application and the associated publications are summarized as members, e.g. MEMBER 1, ...
  - Legal status information for each publication series (member)
- Relevant information for publication types is listed together:
  - The definition of patent kind codes is provided in PIT
  - Publication types are grouped into 13 categories in DAV
  - Patent status categories: GRANTED and PRE-GRANT PUBLICATION (and UNKNOWN)
- FFAM enables
  - to efficiently understand (uncommon) publication types
  - to efficiently analyze the countries protected by EP patents
  - to efficiently get an overview on global patent applications originating from PCT applications



# Contact Us



**CAS** [help@cas.org](mailto:help@cas.org)  
[www.cas.org](http://www.cas.org)

**FIZ Karlsruhe**

[helpdesk@fiz-karlsruhe.de](mailto:helpdesk@fiz-karlsruhe.de)  
[www.stn-international.de](http://www.stn-international.de)

# Supplement: Anatomy of a legal status entry

