

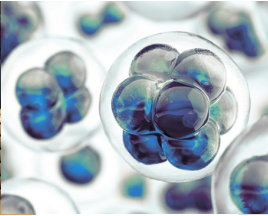


Europäisches
Patentamt
European
Patent Office
Office européen
des brevets

The Unitary Patent in the EPO's datasets and API's



Vesna Vajsbaher



5413 Patent Knowledge Management



04 October 2022

Unitary Patent Guide:


V. No additional patent documents for Unitary Patents

- 111 Please note that no additional documents beyond the European patent specification published by the EPO under the EPC will be published for a Unitary Patent. Unitary Patent proprietors will be sent a certificate once unitary effect has been registered. Moreover, Unitary Patents will be assigned a specific identifier (the identifier "C0") in the Register for unitary patent protection, the European Patent Bulletin and in the data sets provided by the EPO, making it easier to identify them through the EPO's patent information products and services, e.g. Espacenet and Global Patent Index.

[https://documents.epo.org/projects/babylon/eponet.nsf/0/95FD68FCD001D0D7C1258832004EF95E/\\$File/unitary_patent_guide_en.pdf](https://documents.epo.org/projects/babylon/eponet.nsf/0/95FD68FCD001D0D7C1258832004EF95E/$File/unitary_patent_guide_en.pdf)

Bulk data and API's at the EPO that will offer UPP

Bulk data sets




The EPO's bulk data sets are bulk extractions from EPO-internal patent databases made available to external users for further processing. They are structured and standardised collections of data.

Here's an overview of the bulk data sets we offer:

- » EP bibliographic data (EBD)
- » European Patent Register data
- » EP full-text data
- » EP full-text data for text analytics
- » EPO worldwide bibliographic data (DOCDB)
- » EPO worldwide legal event data (INPADOC)
- » Sequence listings
- » National full-text data

Open Patent Services (OPS)



Open Patent Services (OPS) is a web service which provides access to the EPO's data via a standardised XML interface. It does this using RESTful architecture.

[Register](#) [Log in](#) > [Test OPS](#)

OPS data is extracted from the EPO's bibliographic, worldwide legal event, full-text and image databases and is therefore from the same sources as the Espacenet and European Patent Register data.

With OPS you can:

- ✓ add EPO data to your own software applications or in-house databases
- ✓ develop tailor-made clients
- ✓ download large volumes of data

EP regional publication versus EP C0 marker

Data	EP regional	EP C0
Bibliographic data	★	★
Abstract	★	Use family
Family (simple/extended)	★	★
Citations (cited/citing)	★	Use family
INPADOC legal events	★	★
Procedural steps and events in Register	★	★

Data	EP regional	EP C0
Full text – character-coded	★	Use family
Full text - Images	★	Use family
Thumbnail - Images	★	Use family
First page clippings	★	Use family
Search option OPS Register	★	Search by “ufd” and “urd” or application no search
Search option OPS Published	★	★

EP bibliographic data (EBD) in a bulk and Unitary Patent Protection (UPP)



<https://www.epo.org/searching-for-patents/data/bulk-data-sets/ebd.html>

14.1 EP bibliographic data (EBD) in a bulk

§ EBD provides details of all newly published applications and patents, as well as recent changes to previously published patents also available in European Patent Bulletin.

§ EBD includes the data listed in [Rule 143 EPC](#)

§ EBD weekly files in XML ST36 do not give the whole history and status of an EPO application or patent but you can partly combine EBD files with our European Patent Register data backfile.

[illegible]

B7001

B7002

B7020

B7470

Decision

Lapse

B7020			Registration/Effect data
	B7021	date	Date of registration
	B7022	date	Date of effect
	B7023		Participating Member States
		ctry	Country code

Request for unitary patent protection

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<DOCTYPE ep-bulletin PUBLIC "-//EPO//EP PATENT BULLETIN 1.6/EN" "ep-bulletin-v1-6.dtd" >
<!-- This XML data has been generated under the supervision of the European Patent Office -->
<ep-bulletin id="EPB000000000000" file="B000000000000" lang="en" country="EP" doc-number="1234567" kind="B1" date-pub="20200904" status="r" dtb-version="ep-bulletin-v1-6">
  <S0001 lang="en">
    <optags>
      <B0001EP:ATBECHECHESFRUGRZITLILULSENCPITIEISILTVIENOMCYALTRBGZEEHPLSK...</B0001EP>
      <B0002EP>
        <ep-chg-info>
          <ep-chg idref="ep-chg0001" btag="B7001" date="20220513" status="n"/>
        </ep-chg-info>
      </B0002EP>
      <B0003EP>
        <B0003EP:EDM Ver 2.0.16 (1th of February 2022) - 70000000/B0003EP>
      </B0003EP>
    </optags>
    <B7000>
      <B7001>
        <idref="ep-chg0001" btag="B7001" date="20220513" status="n"/>
      </B7001>
      <B7002>
        <idref="ep-chg0001" btag="B7002" date="20220513" status="n"/>
      </B7002>
    </B7000>
  </ep-bulletin>
```

- 1 kind=B1
- 2 status=r
- 3 change tag B7001 with status=n
- 4 B7001 id = idref

Date of filing of the request

Positive decision on unitary patent protection

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<DOCTYPE ep-bulletin PUBLIC "-//EPO//EP PATENT BULLETIN 1.6/EN" "ep-bulletin-v1-6.dtd" >
<!-- This XML data has been generated under the supervision of the European Patent Office -->
<ep-bulletin id="EPB000000000000" file="B000000000000" lang="en" country="EP" doc-number="1234567" kind="B1" date-pub="20200904" status="r" dtb-version="ep-bulletin-v1-6">
  <S0001 lang="en">
    <optags>
      <B0001EP:ATBECHECHESFRUGRZITLILULSENCPITIEISILTVIENOMCYALTRBGZEEHPLSK...</B0001EP>
      <B0002EP>
        <ep-chg-info>
          <ep-chg idref="ep-chg0001" btag="B7002" date="20220513" status="n"/>
        </ep-chg-info>
      </B0002EP>
      <B0003EP>
        <B0003EP:EDM Ver 2.0.16 (1th of February 2022) - 70000000/B0003EP>
      </B0003EP>
    </optags>
    <B7000>
      <B7001>
        <idref="ep-chg0001" btag="B7001" date="20220513" status="n"/>
      </B7001>
      <B7002>
        <idref="ep-chg0001" btag="B7002" date="20220513" status="n"/>
      </B7002>
    </B7000>
  </ep-bulletin>
```

- 1 kind=B1
- 2 status=r
- 3 change tag B7002 with status=n
- 4 B7002 id=idref and decision=P

```

[cmd:version="0.0" msgcat="OUT-0" >htmlout="yes"]
<CONFREF>=Buletin Paten</CONFREF>PUP PATENT Buletin 1.6/007</Buletin Paten 1.6/007>
<!--this url has been generated under the supervision of the European Patent Office-->
<URL>=http://www.epo.org/patents/buletin/1.6/007/1.6_007_date/pub/20200808/</URL>
<DOI>=10.33909/1.6_007</DOI>
<DOIURL>=http://www.epo.org/patents/buletin/1.6/007/1.6_007_date/pub/20200808/</DOIURL>
</page>
<CONFREF>=ATBIOCHEMOPROBAGNELLILUMINISPEKTRIFESTIVITATZEMPEKTRUM</CONFREF>_0015</CONFREF>_SH</CONFREF>
<CONFREF>=BDM Ver. 2.0-16 (1th of February 2022) - 7000007/07</CONFREF>
</Buletin Paten 1.6/007>
</page>
<!--10.33909/1.6_007>
</DOI>
<!--10.33909/1.6_007>
</DOIURL>
</Buletin Paten 1.6/007>
</page>

```

-

```
<?xml version="1.0" encoding="UTF-8" standalone="yes">
<DOCType ep-bulletin PUBLIC "-//EPO//EP PATENT BULLETIN 1.6//EN" "ep-bulletin-v1-6.dtd">
<!-- This XML data has been generated under the supervision of the European Patent Office -->
<ep-bulletin id="P1216505991" file="12165059_2" lang="de" country="EP" doc-number="2349808" kind="B1" date-pub="20220504" status="r" dtd-version="ep-bulletin-v1-6">
```

- [illegible]

EBD and UPP

Unitary Patent (UP) sample packages

See README file in each package for more details. We will be adding packages from all bulk data products as we receive them. For any questions contact support@epo.org

Deliveries

EP_UP sample package			
Last item added: 13.06.2022 15:01			
Expires at: ---			
File name	File size	Published at	Action
EP_UP-package-V3.zip	2.4 MB	17.06.2022 10:20	Download item

With EBD specification v 4.3

<https://publication-bdds.apps.epo.org/raw-data/products/public/product/28>

- EP Register in a bulk (ST36) and Unitary Patent Protection (UPP)



<https://www.epo.org/searching-for-patents/data/bulk-data-sets/register-data.html>

14.1.1 EP Register in a bulk

- § The European Patent Register data bi-yearly extraction provides complete historical data for an EPO patent application at any given time.
- § The European Register data is a snapshot of the database on the date specified, and includes not only the information listed in Rule 143 EPC but also additional data such as legal status, attorney details, etc.

EP Register ST36 XML in a bulk - 1

✚	xmld	http://www.epo.org/register
✚	date-produced	2020524
✚	old-version	1.3.3
✚	lang	en
✚	produced-by	RO
✚	status	The patent has been granted
✚	ep-patent-status	
✚	bibliographic-data	country=EP id=EP1015126P lang=en status=The patent has been granted
✚	procedural-data	
	procedural-step (7)	
✚	events-data (1)	
✚	unitary-patent	
	unitary-patent-statues	
	unitary-patent-status	
	change-date	20161004
	status-code	9
	text	Unitary effect registered
	parties	
	applicants	change-date=20161004 change-gazette-num=N/P transfer-of-rights=no
	agents	change-date=20161004 change-gazette-num=N/P
	licensee-data	
	change-date	20160523
	licensee	
	designation	as-indicated
	sequence	01
	type-license	right-in-rem
	effective-in	
	date	20160419
	places-of-business	
	change-date	20161004
	change-gazette---	N/P
	place-of-business	
	sequence	01
	addressbook	
	procedural-data	
	procedural-step (3)	
	id	procedure-step---> procedural-step-code
	1 STEP_UP_UDPL_14	unitary-protection UDPL
	2 STEP_UP_UDC_15	unitary-protection UDC
	3 STEP_UP_URRG_16	unitary-protection URRG
	procedural-step---	procedural-step-date
	procedural-step---	procedural-step-date (1)
	step-date-type	date
	1 DATE_OF_REQUEST	20140418
	procedural-step---	procedural-step-date (1)
	step-date-type	date
	1 DATE_OF_DECISION	20140419
	procedural-step---	procedural-step-date (1)
	step-date-type	date
	1 DATE_REGISTRATION	20140419

EP Register ST36 XML in a bulk - 2

procedural-data									
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- EP full text in XML dataset and Unitary Patent Protection (UPP) bibliographic data



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

EP full text data ST36 XML and PDF/A in a bulk

- § A bulk data collection including the full text in machine-readable format of all patent applications (**EP A's**) and granted patent specifications (**EP B's**) published by the EPO since it was set up in 1978.
- § Also included **EP A4's** and correction documents (**A8, A9 and B8 and B9**)
- § European patent applications (EP-A documents) **filed via the PCT route and published by WIPO** in one of the three official languages (**Rule 153/3**) of the EPO are not republished by the EPO. For these cases, **only minimum information is available** (EP publication, corresponding PCT application number, etc.)
- § 3TB **backfile** (PDF/A, TIFF and XML)
- § **Weekly** front file every **Wednesday 14:00 CET** (via download area)/free of charge

UPP relevant info only in correction documents of granted EP's - B8 or B9 – when UPP is visible after B1 publication and only in XML not in PDF/A

Example of EP B9 and 7000 tags for UPP

TYPE ep-patent-document	
comment This XML data has been generated under the supervision of the European Patent Office	
ep-patent-document	
id	EP13184111B9W1
file	EP13184111W1B9.xml
lang	de
country	EP
doc-number	2708240
kind	B9
correction-code	W1
date-publ	20220811
status	C
dtd-version	ep-patent-document-v1-6
SDOBI	
lang	de
B000	
B100	
B200	
B300	
B400	
B500	
B700	
B800	
B7000	
B7001	
B7002	
decision	P
date	20170330
B7006	
B7020	
B7720	
B7730	
B7740	
description	id=desc lang=de
claims	(3)
drawings	id=draw lang=de
ep-reference-list	id=ref-list

UPP relevant info only in correction documents of granted EP's:

B8 or B9

Only when UPP is visible after B1 publication

Only in XML not in PDF/A

Only when B7002 is P (positive)

Decision date & purport of unitary protection request
Only when decision=P (positive)

- DOCDB in XML dataset and Unitary Patent Protection (UPP) bibliographic data



<https://www.epo.org/searching-for-patents/data/bulk-data-sets/ebd.html>

14.7 DOCDB in XML

§ DOCDB data is the backbone of many commercial products and services.

§ It includes bibliographic data (names, numbers, classifications, titles, abstracts but also citations simple families and more) from over 100 countries worldwide including EP data.

§ The data goes back as far as the 1830s for some patent authorities, and is available as backfile and frontfile.

§ At present, you can find over 140 million biblio records in the DOCDB in XML.

§ DOCDB has historical backfile and 2 weekly deliveries frontfiles

Mock-up from Amend exchange package (EP B1 versus C0)

Legend:

→ B1 versus C0

country	doc-number	kind	doc-id	date-publ	family-id	is-representative	date-of...	date-of-previous...	date-added-docdb	o...	status	exchbibliographic-data	exchpatent-family
EP	2246661	B1	425771264	20150223	42272292	NO	20180308	20180308	20150126	EP	A	exchpublication-reference (3) exchclassifications-ipc exchpatent-classifications exchapplication-reference (3) exchlanguage o... (6) exchpriority-claims exchparties exchdesignation-of-states exchdesignated-states exchcontracting-states country (36) exchpublication-title (3) exchdates-of-public-availability exchprinted-with-grant exchpublication-title (3)	exchpatent-family
EP	2246661	C0	470956327	20170622	42272292	NO	20180308	20180308	20170630	EP	A	exchbibliographic-data exchpublication-reference (3) exchclassifications-ipc exchpatent-classifications exchapplication-reference (3) exchlanguage o... (6) exchpriority-claims exchparties exchdesignation-of-states exchdesignated-states exchcontracting-states exchup-participating-states exchpublication-title (3)	exchpatent-family

B7020		Registration/Effect data	
	B7021	date	Date of registration
	B7022	date	Date of effect
	B7023		Participating Member States
		ctry	Country code

* Attribute "doc-id" will contain the unique and stable identifier to the publication-reference. The attribute will be populated with a variable length 10 digit numerical value. There will be a "doc-id" for every patent publication – except for "void" documents

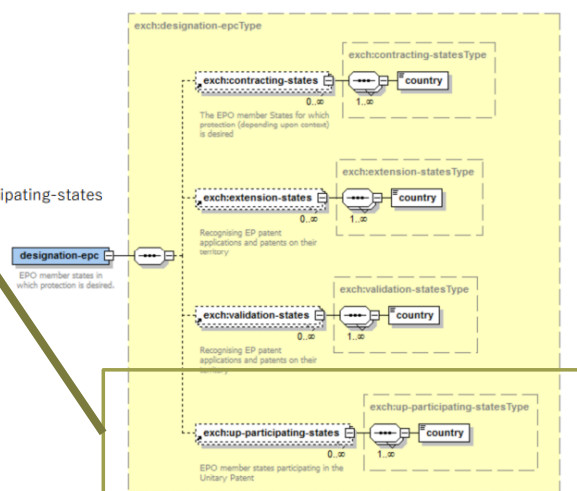
Element <exch:designation-of-states>

8.15.2. Element <exch:designation-epc>

Basic structure of the tag is

For EP publications :

- when contracting states then <exch:contracting-states> populated
- when extension states then <exch:extension-states> populated
- when validation states then <exch:validation-states> populated
- when member states participating in the unitary patent then <exch:up-participating-states>



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

DTD 2.5.8



DTDS_2.5.8

DTDS_2.5.8 (1).zip



datatypes.dtd
Type: DTD File



docdb-entities.dtd
Type: DTD File



docdb-package-v1.1.dtd
Type: DTD File



exchange-documents-v2.5.8.xsd
Type: XSD File



xlink.xsd
Type: XSD File



xml.xsd
Type: XSD File



XMLSchema.dtd
Type: DTD File

§ The schema-definition has been extended to be able to support EP publications with kind-code 'C0' – identifying "unitary patent protection".

§ To this purpose element `<exch:designation-epc>` has been extended with two new elements:

- element `<exch:up-participating-states>`

§ this element will be populated from the moment that EP-C0 start being published

<https://publication.epo.org/raw-data/product?productId=91>

DOCDB in XML manual on our website:

» > Searching for patents > Data > Bulk data sets > Manuals

Linked open EP data

Bulk data sets

Manuals

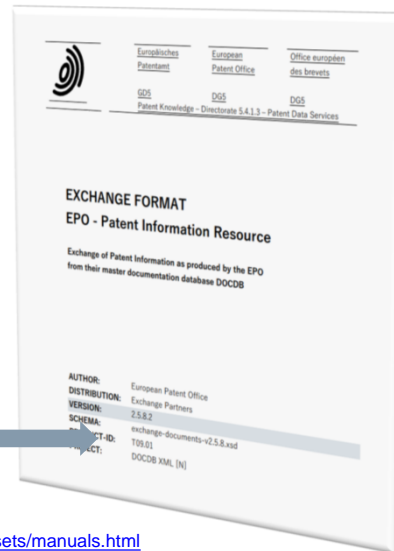
Web services

Coverage, codes and statistics

Manuals

Click on the code to see a short description

Product	Title	Language	File size	Download	Html version
▼ EBD	EBD specifications version 3.27 (in effect from July 2021)	EN	1.9 MB	download	
	EBD specifications version 3.25	EN	627 KB	download	
▼ European Patent Register data	Register documentation	EN			> go to page
▼ DOCDB	DOCDB User Documentation v. 2.5.8.2	EN	6.6 MB	download	



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

- Open Patent Services (OPS) API and Unitary Patent Protection (UPP)



<https://www.epo.org/searching-for-patents/data/web-services/ops.html>

Open Patent Services (OPS) RESTful webservices (API's)

§ Open Patent Services (OPS) is a web service which provides access to the EPO's data via a standardised XML interface. It does this using RESTful architecture.

§ There are 8 different services available in OPS

§ OPS data is extracted from the EPO's bibliographic, worldwide legal event, full-text and image databases and is therefore from the same sources as the Espacenet and European Patent Register data.

§ OPS is available upon registration, but offer free of charge access as well as yearly paying subscription option

All OPS services and its constituents in a nutshell

I. OPS Published - Search:

- biblio
- abstract
- full-cycle
- citing references

II. OPS Published -Retrieval:

- biblio
- abstract *
- full-cycle
- equivalents (simple family)
- images
- full text

III. OPS Legal

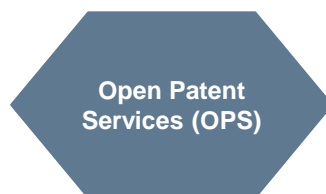
IV. OPS Family

(INPADOC extended):

- biblio
- legal

V. OPS Register Search:

- biblio
- procedural
- events
- upp



VI. OPS Register – Retrieval:

- biblio
- procedural
- events
- upp

VII. OPS Numbering

VIII. OPS CPC:

- search
- media
- mapping

■ EP C0/UPP events available

* only with application no

OPS Published –search and retrieval

.../rest-services/published-data

/publication/docdb/

EP.2382535.C0/biblio

.../rest-services/published-data

/publication/epodoc/

EP2382535/biblio (full-cycle)

EP 2382535 (C0) – SYMMETRIC TRANSPOSE CONVOLUTION FIR FILTER WITH PRE-ADDER

system: ops.epo.org - family.id: 57079004 - country: EP - doc-number: 2382535 - kind: C0

Bibliographic Data

Publication Reference:	DOCDB:	Country:	EP
		Doc-Number:	2382535
		Kind:	C0
		Date:	20170622
	EPODOC:	Doc-Number:	EP2382535
		Date:	20170622
Classifications:	IPCR:	G06F 7/ 575 (G06F 7/ 575 A I); H03H 17/ 06 (H03H 17/ 06 A I)	
Application Reference:	RID :	470701911	
	DOCDB:	Country:	EP
		Doc-Number:	10701268
		Kind:	A
	EPODOC:	Doc-Number:	EP20100701268
		Date:	20100108
	ORIGINAL:	Doc-Number:	10701268
Priority Claims:	1) Kind:	national	
	EPODOC:	Doc-Number:	WO2010US20565
		Date:	20100108
	ORIGINAL:	Doc-Number:	US2010020565
		Date:	2010020565
	2) Kind:	national	
	EPODOC:	Doc-Number:	US20090360836
		Date:	20090127
	ORIGINAL:	Doc-Number:	360836
	3) Kind:	national	
	EPODOC:	Doc-Number:	US20090418979
		Date:	20090406

OPS Published – retrieval with equivalents (simple DOCDB family) constituent

.../rest-services/published-data/publication/docdb/EP.2382535.C0/equivalents

Equivalents Inquiry		
Publication Reference: DOCDB:	Country:	EP
	Doc-Number:	2382535
	Kind:	C0
Inquiry Result:	Publication Reference: EPODOC:	Doc-Number: JP2012514909
Inquiry Result:	Publication Reference: EPODOC:	Doc-Number: KR20110098817
Inquiry Result:	Publication Reference: EPODOC:	Doc-Number: CN102301325
Inquiry Result:	Publication Reference: EPODOC:	Doc-Number: US2010192118
Inquiry Result:	Publication Reference: EPODOC:	Doc-Number: WO2010088017
Inquiry Result:	Publication Reference: EPODOC:	Doc-Number: EP2382535

.../epodoc/EP2382535/equivalents would produce same results

OPS Legal

.../rest-services/legal/publication/docdb/EP.2537562.CO

Patent Family (legal)		legal: true - total-result-count: 6
Publication Reference:	DOCDB: Country: EP	
	Doc-Number: 2537562	
	Kind: C0	
Family Member (1):	Family ID: 44983420	
Publication Reference:	DOCDB: Country: EP	
	Doc-Number: 2537562	
	Kind: C0	
	Date: 20170622	
EPODOC:	Doc-Number: EP2537562	
	Date: 20170622	
Application Reference:	Doc ID: 334971883	
	Is representative: YES	
DOCDB:	Country: EP	
	Doc-Number: 11171244	
	Kind: A	
	Date: 20110623	
Priority Claim:	DOCDB: Country: EP	
	Doc-Number: 11171244	
	Kind: A	
	Date: 20110623	
	priority-active-indicator: YES	
Legal (1):	[@attributes]: code: AK - desc: DESIGNATED CONTRACTING STATES - info: - dateMigr: 00010101	
Pre (00001):	EP 11171244A 2012-12-26AK +DESIGNATED CONTRACTING STATES Kind Code of Ref Document A1	
Pre (00002):	EP 11171244A 2012-12-26AK +DESIGNATED CONTRACTING STATES Designated State(s) AL AT BE BG CH CY CZ DE DK ES 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	
L001EP:	EP [description]: Country Code	
L002EP:	E	

OPS Family

.../rest-services/family/publication/docdb/EP.2216857.C0

Patent Family		legal: false - total-result-count: 14
Publication Reference: DOCDB: Country: EP		
Doc-Number: 2216857		
Kind: C0		
Family Member (1):	Family ID :	42133503
Publication Reference: DOCDB: Country: EP		
Doc-Number: 2216857		
Kind: C0		
Date: 20170620		
EPODOC: Doc-Number: EP2216857		
Date: 20170620		
Application Reference: Doc ID : 275108958		
Is representative :		
DOCDB: Country: EP		
Doc-Number: 10152335		
Kind: A		
Date: 20100201		
Priority Claim: EPODOC: Doc-Number:		
Family Member (2):	Family ID :	42133503
Publication Reference: DOCDB: Country: CN		
Doc-Number: 101800388		
Kind: A		
Date: 20100811		
EPODOC: Doc-Number: CN101800388		
Date: 20100811		
Application Reference: Doc ID : 320792051		
Is representative :		
DOCDB: Country: CN		
Doc-Number: 201010116158		

V. OPS Register Search:

- biblio
- procedural
- events
- upp

OPS Register with UPP – search option with URD and UF

.../3.2/rest-services/register/search/upp/?q=urd=**yes***

Register search results		total-result-count: 138
Query:	urd=yes	
	[@attributes] : syntax: CQL	
Range:	begin: 1 - end: 25	Unitary effect registration dates (urd)

*Query options for UFD and URD:
=true
=false
=no
=ccyyymmdd

(or ccyyymm, ccyy,
ccyyymmdd:ccyyymmdd)

.../3.2/rest-services/register/search/upp/?q=ufd=**yes***

Register search results		total-result-count: 222
Query:	ufd=yes	
	[@attributes] : syntax: CQL	
Range:	begin: 1 - end: 25	Unitary effect request (ufd)

UPP – Status and Biblio – search result

Unitary Patent	
Unitary Patent Statuses: change-date: 20220922 - status-code: 2 - "Patent revoked by proprietor"	
Parties:	Applicants: 2016/11
Applicant: 1)	Name: Schumacher, Horst
	Address-1: Frühlingstrasse 43
	Address-2: D-45133 ESSEN
	Country: DE
	Nationality:
	Residence:
Applicant: 2)	Name: KUNGER, Alfred N.
	Address-1: KUNGER & KOLLEGEN, Bavariaring 20
	Address-2: 80336 MÜNCHEN
	Country: DE
	Nationality:
	Residence:
Agents: 2016/11	Agent: 1)
	Name: Rosenoer, Jacques
	Address-1: BELL TELEPHONE MANUFACTURING COMPANY
	Address-2: Naamloze Vennootschap
	Country: BE
	Agent: 2)
	Name: Ryckeboer, Leo L.H., et al
	Address-1: Legal & Industrial Property Dept.
	Address-2: Bekaertstraat 2
	Country: BE

UPP – Procedural Data – search result

Procedural Data

Procedural Step:	[@attributes]:	Id: STEP_UP_UDFI_1066 - procedure-step-phase: unitary-protection
Procedural Step Code:	UDFI	
Procedural Step Text:	The request for unitary effects (type: STEP_DESCRIPTION)	
Procedural Step Date:	20161010 (type: DATE_OF_REQUEST)	
Gazette Reference:	Gazette Num:	2016/10
	Date:	
Procedural Step:	[@attributes]:	Id: STEP_UP_UDEC_1067 - procedure-step-phase: unitary-protection
Procedural Step Code:	UDEC	
Procedural Step Text:	Date and purport of the decision on the registration of unitary effect (type: STEP_DESCRIPTION)	
Procedural Step Date:	20161020 (type: DATE_OF_DECISION)	
Procedural Step Result:	Positive	
Gazette Reference:	Gazette Num:	2016/11
	Date:	
Procedural Step:	[@attributes]:	Id: STEP_UP_UREG_1068 - procedure-step-phase: unitary-protection
Procedural Step Code:	UREG	
Procedural Step Text:	Date of registration of Unitary effect (type: STEP_DESCRIPTION)	
Procedural Step Text:	AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE (type: UNITARY_STATES)	
Procedural Step Date:	20161020 (type: DATE_REGISTRATION)	
Procedural Step Date:	20161020 (type: DATE_EFFECTIVE)	
Gazette Reference:	Gazette Num:	2016/12
	Date:	
Procedural Step:	[@attributes]:	Id: STEP_UP_RFEE_1069 - procedure-step-phase: unitary-protection
Procedural Step Code:	RFEE	

UPP – Events Data – search result

Events Data	
EVT_UP_1075 (new):	Event Date: 20161003
	Event Code: 0009706REES22
	Event Text: Request for re-establishment of rights filed (DESCRIPTION)
	Gazette Reference: Gazette Num: 2016/30
	Date: 20160913
EVT_UP_1076 (new):	Event Date: 20160923
	Event Code: 0009703RFEE22
	Event Text: New entry: Payment of renewal fee (DESCRIPTION)
	Gazette Reference: Gazette Num: 2016/25
	Date: 20160913
EVT_UP_1077 (new):	Event Date: 20160918
	Event Code: 0009704UDLA02
	Event Text: Renewal fees not paid: Unitary patent protection lapsed (DESCRIPTION)
	Gazette Reference: Gazette Num: 2016/20
	Date: 20160913
EVT_UP_1078 (new):	Event Date: 20160913
	Event Code: 0009704UDLA02
	Event Text: Renewal fees not paid: Unitary patent protection lapsed (DESCRIPTION)
	Gazette Reference: Gazette Num: 2017/32
	Date: 20160913
EVT_UP_1079 (new):	Event Date: 20160913
	Event Code: 0009703RFEE22
	Event Text: New entry: Payment of renewal fee (DESCRIPTION)
	Gazette Reference: Gazette Num: 2017/33

OPS Register with UPP – keywords search option (CQL)

Register search results

total-result-count: 1

Query:

title=driving device and ufd=yes

[@attributes] :

syntax: CQL

Range:

begin: 1 - end: 25

Register Document

date-produced: 20220926 - dtd-version: 1.3.3 - lang: en - produced-by: RO - status: No opposition filed within time limit

EP Patent Statuses:

No opposition filed within time limit

change-date: - status-code: 7

Driving device for motor vehicles

country: EP - id: EP12162199P - lang: en - status: No opposition filed within time limit

Bibliographic Data

Publication Reference:

2012/27

Country:

EP

Doc-Number:

2471681

Kind:

A1

Date:

20120704

Publication Reference:

2013/13

Country:

EP

Doc-Number:

2471681

Kind:

B1

Date:

20130327

Classifications:

IPCR: 2012/27 ID: CLASSIFICATION_191

OPS Register with UPP – keywords search option (CQL) – UPP event

Unitary Patent

Unitary Patent Statuses: change-date: 20220919 - status-code: 6 - "Request for unitary effect filed"

Procedural Data

Procedural Step: [:@attributes]: id: STEP_UP_UDFI_1678 - procedure-step-phase: unitary-protection

Procedural Step Code: UDFI

Procedural Step Text: The request for unitary effects (type: STEP_DESCRIPTION)

Procedural Step Date: 20220815 (type: DATE_OF_REQUEST)

Gazette Reference: Gazette Num: 2022/37

Date:

Events Data

EVT_UP_1679 (new): Event Date: 20220920

Event Code: 0009700UREQ01

Event Text: Filing of request for unitary effect (DESCRIPTION)

Gazette Reference: Gazette Num: 2022/37

Date: 20220914

EVT_UP_1680 (new): Event Date: 20220919

Event Code: EPIDOSNURQ1UP

Event Text: not specified (DESCRIPTION)

VI. OPS Register – Retrieval:

- biblio
- procedural
- events
- upp

OPS Register with Unitary effect request (ufd) and Unitary effect registration dates (urd) field identifiers

.../rest-services/register/search/?q=ufd=**yes**

Unitary effect request date ⓘ e.g. 20070919

Unitary effect registration date ⓘ e.g. 20070919

.../rest-services/register/search/?q=urd = **yes**

Query options for UFD and URD:

=**true**

=**false**

=**no**

=ccyymmdd (or ccyy, ccyy, ccyyymmdd:ccyyymmdd)

OPS Register UPP - retrieval option

/3.2/rest-services/register/publication/epodoc/EP2471681/upp

OPS services / Register service

Type	Format	Number	
publication ▼	/ epodoc ▼	/ EP2471681	/ upp ▼ Construct

EP Patent Statuses: No opposition filed within time limit change-date: - status-code: 7

country: EP - id: EP12162199P - lang: en - status: No opposition filed within time limit

Bibliographic Data

Unitary Patent

Unitary Patent Statuses: change-date: 20220919 - status-code: 6 - "Request for unitary effect filed"

Procedural Data

Procedural Step: [attributes]: id: STEP_UP_UDFI_1672 - procedure-step-phase: unitary-protection

Procedural Step Code: UDFI

Procedural Step Text: The request for unitary effects (type: STEP_DESCRIPTION)

Procedural Step Date: 20220815 (type: DATE_OF_REQUEST)

Gazette Reference: **Gazette Num:** 2022/37

Date:

Events Data

EVT_UP_1673 (new): Event Date: 20220920

Event Code: 0009700UREQ01

Event Text:	Filing of request for unitary effect (DESCRIPTION)
--------------------	--

Gazette Reference: Gazette Num: 2022/37

Date: 20220914

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Scroll the record to see 3 UPP related events as in the picture



Downloads

Title	Format
OPS OpenAPI specification	<input type="checkbox"/> YAML
OPS version 3.2 documentation – version 1.3.18	<input type="checkbox"/> PDF
Open Patent Services input and output XML schema	<input type="checkbox"/> XSD
EPO St. 36 DOCDB exchange format for bibliographic data	<input type="checkbox"/> XSD
EPO St. 36 DOCDB full-text exchange format for full-text data (claims and description)	<input type="checkbox"/> XSD
Open Patent Services XML schema for legal status data	<input type="checkbox"/> XSD
Open Patent Services XML schemas for CPC:	
CCD schema	<input type="checkbox"/> XSD
CPC schema	<input type="checkbox"/> XSD
CPC definitions	<input type="checkbox"/> XSD
Open Patent Services XML schema for Patent Register	<input type="checkbox"/> XSD
Cross-domain requests	<input type="checkbox"/> PDF
Legal status tag definition	<input type="checkbox"/> PDF
CPC International documentation and sample package	<input type="checkbox"/> ZIP

<https://ops.epo.org/schema/rplus.xsd>

←

→

↺

🔒 ops.epo.org/schema/rplus.xsd

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Unitary Patent sample packages for datasets



Bulk Data Sets

Welcome to the EPO Bulk Data Distribution Service

This area allows users to download bulk data sets.

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The EPO uses **cloud-based software as a service (SaaS)** platform for the purpose of Identity and Access management.

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Public Area

> DTD/Schema repository	Published at: 07.06.2022 19:11	See details
> Samples of bulk data sets	Published at: 07.06.2022 19:11	See details
> Statistical mapping: CPC to FI, FI to CPC and CPC to IPC	Published at: 07.06.2022 19:03 Expires at: 31.12.2022 23:59	See details
> Unitary Patent (UP) sample packages	Published at: 13.06.2022 15:01	See details

<https://publication-bdds.apps.epo.org/raw-data/products>

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Thank you

Vesna Vajsbahe
Bulk data and OPS – EPO, Dir 541 Patent Data Management
vvajsbahe@epo.org, patentdata@epo.org