

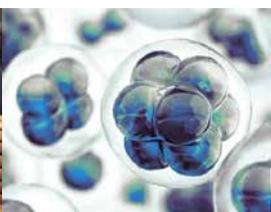


## EPOデータサービスの紹介

EPOウェブサイト上の無料サービスの紹介と利用方法



Vesna Vajsbaheer



Patent Data Service



October 2022

### 目次

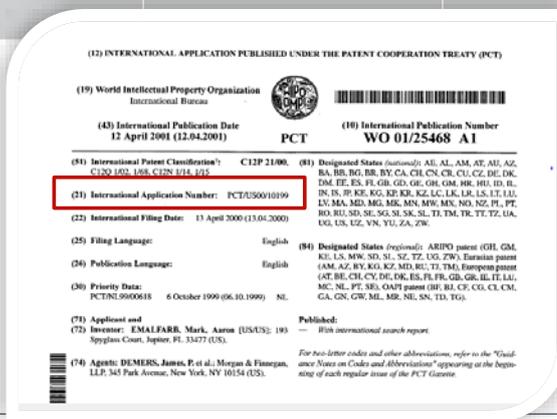
- 出願・優先権および公開番号の形式テーブル
- 引用範囲テーブル
- 種別コードコンコードンステータブル中のST30 TAG 別名 “登録公報発行日（Date of public availability）”
- EP特許の国内段階移行に関する情報源
- お問い合わせ先

## 1.) 出願・優先権および公開番号テーブルとその実践的利用法



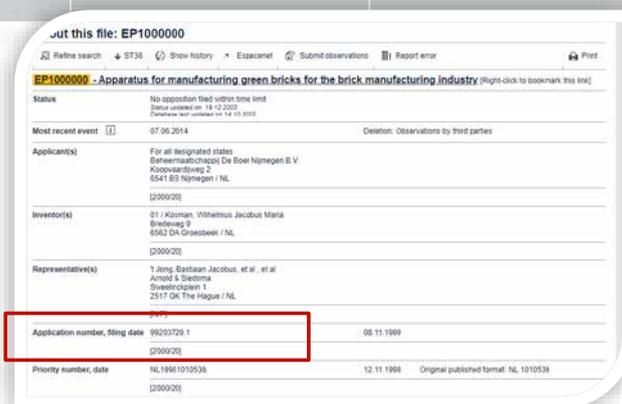
## EPOのデータ、データセット、ツールおよびサービスにおける番号形式

Doc タイプ	DOCDB	EPODOC	オリジナル XML ST36	オリジナル 画像
出願/優先権	US0010199W	WO2000US10199	US0010199	PCT/US00/10199



## EPOのデータ、データセット、ツールおよびサービスにおける番号形式

Doc タイプ	DOCDB	EPODOC	オリジナル画像
出願	EP99203729A	EP19990203729	99203729.1



## 例: オリジナル文献の出願・優先権 - オリジナル文献

**Organization**  
International Bureau

**(43) International Publication Date**  
**3 December 2015 (03.12.2015)**



---

**(51) International Patent Classification:**  
*G06Q 20/32* (2012.01)      *G06Q 20/36* (2012.01)  
*G06Q 20/34* (2012.01)      *H04W 52/00* (2009.01)  
*G06Q 20/40* (2012.01)

**(21) International Application Number:** PCT/US2015/031019 **(74)**

**(22) International Filing Date:** 15 May 2015 (15.05.2015) **(81)**

**(25) Filing Language:** English

**(26) Publication Language:** English

**(30) Priority Data:** 62/004,840 29 May 2014 (29.05.2014) US

ツールの出願・優先権形式 - オリジナル対 DOCDB 番号形式

**Organization**  
International Bureau

**(43) International Publication Date**  
3 December 2015 (03.12.2015) **WIPO | PCT**

---

**(51) International Patent Classification:**  
*G06Q 20/32* (2012.01)    *G06Q 20/36* (2012.01)  
*G06Q 20/34* (2012.01)    *H04W 52/00* (2009.01)  
*G06Q 20/40* (2012.01)

**(21) International Application Number:** PCT/US2015/031019 (74)

**(22) International Filing Date:** 15 May 2015 (15.05.2015) (81)

**(25) Filing Language:** English

**(26) Publication Language:** English

**(30) Priority Data:**  
 62/004,840    29 May 2014 (29.05.2014)    US

☆ WO2015183590A1 APPARATUSES AND METHODS FOR OPERATING A PORTABLE ELECTRONIC DE TRANSACTIONS

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

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**Register** ➤ **Global Dossier** ➤

**Applicants**    APPLE INC [US] +

**Inventors**    KHAN AHMER A [US]; NOVICK GREGORY B [US]; HAUCK JERROLD V [US]; VORA SAKET R [US]; P...

**Classifications**

**IPC**    G06Q20/32; G06Q20/34; G06Q20/36; G06Q20/40; H04W52/00;

**CPC**    G06Q20/321 (EP,CN,KR,US); G06Q20/3227 (EP,CN,KR,US); G06Q20/3263 (EP,CN,KR,US); G06Q20/3263 (EP,CN,KR,US); G06Q20/352 (EP,CN,KR,US); G06Q20/353 (EP,CN,KR,US); G06Q20/367 (EP,CN,KR,US); G06Q20/367 (EP,CN,KR,US); G06Q20/4018 (EP,CN,KR,US); G06Q20/4097 (EP,CN,US); G06Q20/40975 (EP,CN,KR,US);

**Priorities**    US201414475263A 2014-05-15 → US201462004840P 2014-05-29

**Application**    US2015031019W 2015-05-15

**Publication**    WO2015183590A1 2015-12-03

**Published as**    CN106256984A; CN106256984B; DE202015009906U1; EP3149682A1; KR101859558B1; KR10196512KR20180064905A; KR20190029787A; US10289996B2; US10977642B2; US2015348007A1; US201620US2019261546A1; US9299072B2; US9864984B2; WO2015183590A1

European Patent Office

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出願番号 - PCT出願番号の挿入規則

**Expressing PCT application numbers in DOCDB and EPODOC number formats**

**Before 2004\*:**  
PCT/GB02/04635 into

**Docdb:** GB.0204635.W (for OPS)  
GB0204635W (for New Espacenet)

**Epodoc:** WO2002GB04635 (for OPS and Classic Espacenet)

• The PCT format has changed through the years and that has caused the change in DOCDB as well:

- ☐ Until 1.1.2004: CcyyvvnnnnW
- ☐ After 1.1.2004: CCccyyvvnnnnW

**After 2004\*:**  
PCT/KR2011/00110 into

**Docdb:** KR.2011000110.W (for OPS)  
KR2011000110W (for New Espacenet)

**Epodoc:** WO2011KR00110

**Key:**

- ☐ CC=country code, which references where the filing took place; (Note IB=International Buro.)
- ☐ cc=century (20th) -this part was added from 1.1.2004 and onwards
- ☐ yy=year
- ☐ nnnnn=sequential number (8 digits; 5 digits before 2004)

European Patent Office

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## 出願・優先権および公開番号の形式テーブル

The screenshot shows the EPO website page titled "Coverage, codes and statistics". The page includes a navigation menu at the top with options like "Home", "Searching for patents", "Applying for a patent", "Law & practice", "News & events", "Learning", and "About us". The main content area is titled "Coverage, codes and statistics" and contains information about the EPO's data streams, including a section for "Publication day" which states that the publication day for European patent applications is Wednesday. There are also links for "Updated weekly" and "Updated regularly".

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

## 米国優先権番号をDOCDB形式の優先権番号にする方法

The screenshot shows a table titled "Application & Priority Number Formats" with columns for "COUNTRY / TERRITORY", "KC", "NUMBER", and "Type of document". The table lists various patent application formats for different countries. A callout box highlights the conversion of a US priority number: "(30) Priority Data: 62/004,840 29 May 2014 (29.05.2014) — US". An arrow points from this callout to the "Provisional patent application" row in the table, which shows the format "ccyy62'nnnnnn" for the "NUMBER" column.

COUNTRY / TERRITORY	KC	NUMBER	Type of document	
CC Description	DOCDB until 31-12-1999	as from 01-01-2000		
US United States of America	A	ccyy'nnnnnn	Patent application (utility, reissue, design, defensive, plant, SR)	
	A	n/nnnn/yy	Patent application (utility, reissue, design, defensive, SR)	
	A	n/nnnn/yy	Patent application (utility, reissue, design, defensive, SR)	
	A	n/nnnn/yy	Patent application (utility, reissue, design, defensive, SR)	
	A	n/nnnn/yy	Patent application (utility, reissue, design, defensive, SR)	
	A	n/nnnn/yy	Patent application (utility, reissue, design, defensive, SR)	
	A	97'nnnnnn	Patent application (utility, reissue, design, defensive, SR)	
	A	n/nnnn/yy	Patent application (utility, reissue, design, defensive, SR)	
	A	n/nnnn/yy	Patent application (utility, reissue, design, defensive, SR)	
	A	n/nnnn/yy	Patent application (utility, reissue, design, defensive, SR)	
	A	n/nnnn/yy	Patent application (utility, reissue, design, defensive, SR)	
	A	n/nnnn/yy	Patent application (utility, reissue, design, defensive, SR)	
	A	ccyy13'nnnnnn	ccyy13'nnnnnn	Patent application (utility, reissue, design, defensive, SR)
	A	ccyy14'nnnnnn	ccyy14'nnnnnn	Patent application (utility, reissue, design, defensive, SR)
	A	ccyy15'nnnnnn	ccyy15'nnnnnn	Patent application (utility, reissue, design, defensive, SR)
	A	ccyy16'nnnnnn	ccyy16'nnnnnn	Patent application (utility, reissue, design, defensive, SR)
	A	ccyy17'nnnnnn	ccyy17'nnnnnn	Patent application (utility, reissue, design, defensive, SR)
	A	90'nnnnnn	90'nnnnnn	Ex parte reexamination patent application
	A	95'nnnnnn	95'nnnnnn	Inter partes reexamination proceedings
	A	96'nnnnnn	96'nnnnnn	Supplemental examination proceedings and resulting ex parte reexamination proceedings
P	n/nnnn/yy	n/nnnn/yy	Provisional patent application	
P	n/nnnn/yy	n/nnnn/yy	Provisional patent application	
P	ccyy92'nnnnnn	ccyy92'nnnnnn	Provisional patent application	
P	ccyy93'nnnnnn	ccyy93'nnnnnn	Provisional patent application	

P ccyy62'nnnnnn ccyy62'nnnnnn Provisional patent application

## DOCDB 優先権番号形式で検索

The screenshot shows the EPO DOCDB search results for the query language 'en de fr'. The search criteria are set to 'Priority number' with the value 'US201462004840P'. The search results for 'US2015348007A1 Apparatuses and Methods for Operating a Portable Electronic Device to Conduct Mobile Payment Transactions' are displayed. The 'Bibliographic data' section includes:

- Global Dossier**
- Applicants:** APPLE INC [US]
- Inventors:** KHAN AHMER A [US]; NOVICK GREGORY B [US]; HAUCK JERROLD V [US]; VORA SAKET R [US]; PEREZ YEHOATAN [US]
- Classifications:**
  - IPC:** G06Q20/32; G06Q20/38;
  - CPC:** G06Q20/321 (EP,CN,KR,US); G06Q20/3227 (EP,CN,KR,US); G06Q20/3263 (EP,CN,KR,US); G06Q20/3278 (EP,CN,KR,US); G06Q20/352 (EP,CN,KR,US); G06Q20/353 (EP,CN,KR,US); G06Q20/367 (EP,CN,KR,US); G06Q20/382 (KR,US); G06Q20/4018 (EP,CN,KR,US); G06Q20/4097 (EP,CN,US);
- Priorities:** US201414475263A 2014-09-02; **US201462004840P** 2014-05-29
- Application:** US201414475263A 2014-09-02
- Publication:** US2015348007A1 2015-12-03

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

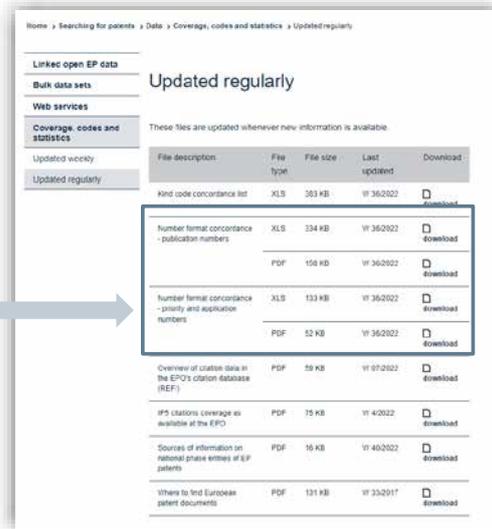
## 米国優先権番号は、WO公開だけでなくシンプルファミリー全体に使用できる優先権

The screenshot shows the EPO DOCDB search results for the query language 'en de fr'. The search criteria are set to 'Priority number' with the value 'US201462004840P'. The search results for 'US2015348007A1 Apparatuses and Methods for Operating a Portable Electronic Device to Conduct Mobile Payment Transactions' are displayed. The 'Bibliographic data' section includes:

- Classifications:**
  - IPC:** G06Q20/32; G06Q20/38;
  - CPC:** G06Q20/321 (EP,CN,KR,US); G06Q20/3227 (EP,CN,KR,US); G06Q20/3263 (EP,CN,KR,US); G06Q20/3278 (EP,CN,KR,US); G06Q20/352 (EP,CN,KR,US); G06Q20/353 (EP,CN,KR,US); G06Q20/367 (EP,CN,KR,US); G06Q20/382 (KR,US); G06Q20/4018 (EP,CN,KR,US); G06Q20/4097 (EP,CN,US);
- Priorities:** US201414475263A 2014-09-02; **US201462004840P** 2014-05-29
- Application:** US201414475263A 2014-09-02
- Publication:** US2015348007A1 2015-12-03
- Published as:** CN106255984A; CN106255984B; DE202015009906U1; EP3149682A1; KR101859558B1; KR101965120B1; KR20160137813A; KR20180054905A; KR20190029787A; US10289996B2; US10977642B2; US2015348007A1; **US2016203467A1**; US2018211245A1; US2019251546A1; US9299072B2; US9864984B2; **WO2015183590A1**



DOCDB 番号テーブルはウェブサイト上のどこにあるか



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

どのツール・サービスがどの出願・優先権番号形式を使用するか

データとツール	DOCDB	EPODOC
Espacenet New	yes	no
Espacenet Classic	no	yes
Global Patent Dossier	yes	yes
OPS webservices	yes	yes
DOCDB in XML	yes	yes
PATSTAT	yes	yes
EP Register	no	yes

INPI	
Application number, filing date	99203729 1 08.11.1999
	[2000/20]
Priority number, date	NL 10981010536 12.11.1998 Original published format: NL 1010536 [2000/20]

Priorities	NL1010536A-1998-11-12
Application	EP99203729A-1999-11-08

## 2.) 引用テーブルとその実践的利用法



## EPOウェブサイト上の引用範囲と強化形式テーブル

File description	File type	File size	Last updated	Download
Kind code concordance list	XLS	283 KB	W 36/2022	Download
Number format concordance -publicator numbers	XLS	334 KB	W 36/2022	Download
	PDF	158 KB	W 36/2022	Download
Number format concordance -priority and application numbers	XLS	133 KB	W 36/2022	Download
	PDF	82 KB	W 36/2022	Download
Overview of citation data in the EPO's citation database (REFI)	PDF	59 KB	W 07/2022	Download
IPS citations: coverage as available at the EPO	PDF	75 KB	W 4/2022	Download
Sources of information on national phase entries of EP patents	PDF	18 KB	W 40/2022	Download
Where to find European patent documents	PDF	131 KB	W 33/2017	Download

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

## EPOのデータ、データセット、ツールおよびサービスにおける引用

EPOデータにおける引用文献または被引用文献

**Cited documents EP1900745 (A4) — 2011-03-16**

Inventor	Applicant	CPC	IPC	Publication info.	Priority date
HAMES BONHIE R (FR)	HAMES BONHIE R, BUTER AMIE O. (FR)	B23D222 (H)	C21N118 (H)	US200717198 (A1)	2006-04-10
HAMES BONHIE R (FR)	HAMES BONHIE R, BUTER AMIE O. (FR)	B23D222 (H)	C21N118 (H)	US200717198 (B2)	2006-04-10
HAMES BONHIE R (FR)	HAMES BONHIE R, BUTER AMIE O. (FR)	B23D222 (H)	C21N118 (H)	US200717198 (B1)	2006-04-10

**Bibliographic data EP1900745 (B1) — 2016-07-27**

**METHOD FOR SEPARATION AND COLLECTION OF LIGNIN DERIVATIVE**

**Inventor(s):** FUNAKA MASAMITSU (JP); AOKI MITSURU (JP)

**Applicant(s):** JAPAN SCIENCE & TECH AGENCY (JP)

**Classification:** International: B01J20/02, B01J20/06, B01J20/28, B01J20/32, C07D100, C08F706, C08F11/16, C08L10/00, D21C11/00

**Application number(s):** JP20062187103, JP2006207, US2006/011263, 20060608

**Abstract of EP1900745 (A1)**

An object of the present invention is to provide a technique for separation/collection of a lignin derivative which is useful for the separation of a lignin derivative having a 1, 1-diphenylpropane unit and/or a unit derived from the 1, 1-diphenylpropane unit from a mixture system containing the lignin derivative. In the present invention, a lignin derivative having a 1, 1-diphenylpropane unit and/or a unit derived from the 1, 1-diphenylpropane unit is allowed to contact with a metal oxide in a liquid medium, thereby separating the lignin derivative in the form separated on the metal oxide.

## 引用のリンク先を知る方法

**IP5 (national + PCT) citations coverage as available in EPO's databases**  
 according to a citation type and linked to a specific publication step biblio record

CC	Country/territory	First publication date	No of cited NPL	No of cited PL	APP	IP5	ISA	IP5	ISA	APP	IPP	IP5	Citations in rich format
					Applicant	Pub search	Pub	Pub search	Pub	Opp	Opponent	Opponent	
CN	CHINA	01-01-1997	4 832 062	42 509 352			A						2010
EP	EUROPEAN PATENT OFFICE	20-12-1978	4 475 697	129 070 058	A1, A2		A1, A3, A4, (A1, A2)***	A1, A2	B1 and A1/A2/A4***	B1*		B2**	1993
JP	JAPAN	09-11-1965	649 814	23 749 090	A, A1 (PCT)		A, A1, B1, B2 U, Y1, Y2	A1, A2 (PCT)	A, A1, B1, B2 U, Y1, Y2	2017			
KR	KOREA	07-01-2006	239 272	5 934 762	A, B1, U, Y1		B1, Y1						2018
US	UNITED STATES OF AMERICA	04-02-1947	43 126 095	239 665 346	B1, B2, P3, P2, E	A1, A2, A3	A, B2, B1, P3, P2, E	B1, B2					2019
WO	WIPO	19-10-1978	6 265 717	22 683 717	A1, A2		A1, A3	A1, A2					1993

No citations available publicly  
 Not yet in a rich format  
 Rich format citations  
 \* when the opposition does not lead to an amended patent specification  
 \*\* when the opposition leads to an amended patent specification  
 \*\*\* EURO-PCT: search report of corresponding WO document - only Espacenet  
 \*\*\*\* (May 2021) NEW: under Kind Code A1/A2/A4 (or to a B1 for the old instances) with 30 day delay after loading in citation database

### SEA (サーチレポート) の引用がA 文献しか表示されないのはなぜか

CC	Country/territory	First publication date	No of cited NPL	No of cited PL	APP	PBS	SEA
CN	CHINA	01-01-1997					
EP	EUROPEAN PATENT OFFICE	20-12-1978	4 832 062	42 509 352			A
			4 475 697	129 070 058	A1, A2		A1, A3, A4, (A1, A2)***

**Cited documents EP1900745 (A4) — 2011-03-16**

4 documents cited in relation to EP1900745 (A4)

Sort by: Priority date | Sort order: Descending

Patents cited in the search report

1. Process for the conversion of and aqueous biomass hydrolysate into fuels or chemicals, by the selective removal of fermentation inhibitors

2. Phenol removal emulsification process

3. PHOTOELECTRIC CONVERSION ELEMENT USING LIGNIN DERIVATIVE AND PHOTOELECTRIC CHEMICAL CELL

4. Lignin derivatives, modelled products using the same and processes for making the same

### 引用範囲テーブル

Overview public citation data in EPO's citation database (REFI)

Status : 04 July 2022

Country	Pub. Publication Number	Pub. Publication Date	Number of Cited Applications	Number of Cited Patents	Number of Cited Non-Patents	Number of Cited Applications	Rank in Rank List	Citation Origin								
								APP	SEA	TPG	EXA	POP	OPF	APL		
AP	ARIP0	1	03-07-1983	3 626	8 433	1 398	1									
AT	AUSTRIA	263460	11-10-1871	65 421	233 840	8 380	2	1899-2012	1985 onwards							
BE	BELOUM	1000039	10-12-1867	22 467	91 868	9 790	10	1863	1989-2013	1986 onwards						
BR	BRASLIA	693	26-10-2004	1 681	4 443	5	2003	2004-2011								
CA	CANADA	1032684	07-01-1997	8 427 128	47 928 911	9 286 896	3	1984	1989 onwards	1983 onwards						
CY	CYPRUS	2419	10-11-2004	26	88	3	2003	2004 onwards								
DE	DESCH	239999	16-11-2009	12 2719	49 729	4 932	2009	2009 onwards								
DK	DENMARK	126629	10-09-1963	2 819 794	16 877 762	828 912	9	1963	1963 onwards	1963 onwards						
EA	EUROASIA	86891	06-05-1968	5 331	23 941	62	2003	2007-2008	1986 onwards							
EE	ESTONIA	2010006	10-01-2019	147	706	72	2019	2019 onwards								
EP	EUROPEAN PATENT OFFICE	1	20-12-1978	3 188 821	13 347 114	4 789 740	309	1978	1978 onwards	1978 onwards	1981 onwards	1981 onwards	2004 onwards	1987 onwards		
ES	SPAIN	2029228	01-09-1993	99 811	248 398	33 081	1993	1993 onwards								
FI	FINLAND	82743	21-12-1990	15	45	11	1990	1990 onwards								
FR	FRANCE	3000087	20-10-1989	731 234	3 791 442	339 743	6	1983	1984-2011	1983 onwards						
GB	GREAT BRITAIN	3000081	04-01-1979	464 894	2 769 348	137 747	4	1979	1979 onwards	1979 onwards						
GR	GREECE	9810007	16-12-1998	6 490	28 274	8 442	2	1999	1999-2004	1985 onwards						
HK	HONG KONG	980187	03-04-1994	1 698	4 371	397	1994	1994 onwards								
IL	ISRAEL	214481	20-03-2001	2 399	9 714	1 734	2001	2001 onwards								
IT	ITALY	9328000	01-10-2008	79 391	337 812	31 872	47	2009	2008 onwards							
JP	JAPAN	2407188	06-11-1988	4 148 888	20 288 146	108 270	1	1987	1987 onwards	1987 onwards						
KR	KOREA	1004036	10-07-1993	1 744 812	6 348 348	307 872	3	1993	2016 onwards	1987 onwards	1989-1990	1989-2002	1994 onwards			
LT	LITHUANIA	3001	20-08-1994	3 487	9 414	2 138	4	1994	1994 onwards	2016 onwards						
LV	LVIVREBIORIUM	89196	16-12-1990	2 405	9 474	2 495	5	1990	1999-2009	1993 onwards						
LU	LUXEMBOURG	18213	20-04-2017	26	90	20	2017	2017 onwards								
MD	MOLDOVA	1	31-05-1994	9 817	24 063	8 172	1994	1994 onwards								
MY	MALAYSIA	110077	21-03-2003	763	2 734	11	2003	2003 onwards								
NL	NETHERLANDS	100184	14-03-1967	43 142	188 346	28 863	48	1964	1964-2011	1963 onwards						
NO	NORWAY	3002494	16-03-2000	14 911	69 231	3 623	2001	2001 onwards								
PH	PHILIPPINES	1201200010	14-01-2019	264	884	180	2019	2019 onwards								
PL	POLAND	427172	30-01-2019	2 832	9 116	883	2019	2019 onwards								
PT	PORTUGAL	100184	06-11-2012	678	3 948	871	2012	2012 onwards								
RU	RUSSIA	2281288	20-12-2012	237 698	1 187 471	88 622	16	2012	2012 onwards							
SE	SWEDEN	941087	20-03-2019	2 432	29 298	1 174	2019	2019 onwards								
SG	SINGAPORE	48613	20-03-2001	11 152	41 294	782	2001	2001 onwards								
SI	SLOVENIA	2006	06-01-1987	3 405	13 471	2 680	1987	1987-2007	1987 onwards							
TH	THAI	307948	11-12-2012	208 768	1 248 840	28 880	11	2012	2012 onwards							
US	UNITED STATES OF AMERICA	3407188	04-03-1987	13 779 339	247 473 483	44 881 492	30	1981	1981 onwards	1987 onwards	2016 onwards					
WO	WO	700001	20-10-1979	4 482 248	23 848 823	8 248 223	218	1982	1981 onwards	1978 onwards	2003 onwards					



### EPOにおける引用文献のカテゴリー

X	Particularly relevant if taken alone.
Y	Particularly relevant if combined with another document of the same category.
A	Defining the state of the art and not prejudicing novelty or inventive step.
O	Non-written disclosure.
P	Intermediate document.
T	Theory or principle underlying the invention.
E	Earlier patent application, but published after the filing date of the application searched (potentially conflicting patent documents).
D	Document cited in the application.
L	Document cited for other reasons.
&	Document member of the same patent family – citing a so-called "&-document"

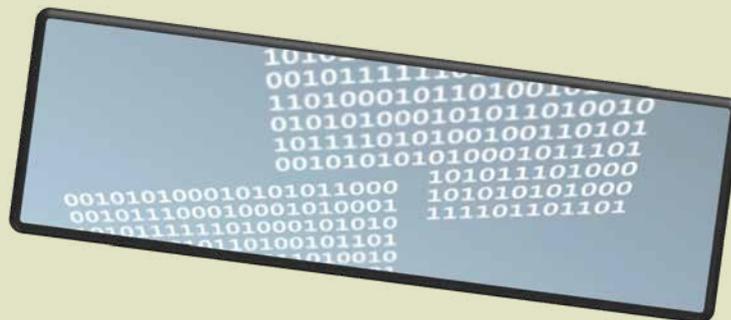
References cited by publications with a publication date from April 2011 might have category 'I'. Category 'I' is category 'X' further defined. With the introduction of new category 'I', the category 'X' will have a slightly different meaning:

X	Particularly relevant if taken alone - prejudicing novelty
I	Particularly relevant if taken alone - prejudicing inventive step

In Chinese patent publications you may find citations with category 'R':

R	Referring to a patent application or a utility model filed on the same day that relates to the same invention [ Source: Examination Guidelines SIPO, Part II, Chapter 7 ]
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### 3.) ST30 TAG 別名 “公開日” とその実践的利用法



## 種別コードコンコーダンスリストとその中のST30 TAG情報

Updated regularly

These files are updated whenever new information is available.

File description	File type	File size	Last updated	Download
Kind code concordance list	XLS	383 KB	W 36/2022	<a href="#">Download</a>
Number format concordance - publication numbers	XLS	334 KB	W 36/2022	<a href="#">Download</a>
	PDF	158 KB	W 36/2022	<a href="#">Download</a>
Number format concordance - priority and application numbers	XLS	133 KB	W 36/2022	<a href="#">Download</a>
	PDF	52 KB	W 36/2022	<a href="#">Download</a>
Overview of citation data in the EPO's citation database (REFI)	PDF	59 KB	W 07/2022	<a href="#">Download</a>
IP5 citations coverage as available at the EPO	PDF	75 KB	W 4/2022	<a href="#">Download</a>
Sources of information on national phase entries of EP patents	PDF	16 KB	W 4/2022	<a href="#">Download</a>
Where to find European patent documents	PDF	131 KB	W 33/2017	<a href="#">Download</a>

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## ST30 別名 “登録公報発行日 (Date of public availability)” 情報とは

KINDCODE (KC) Last update: 03 August 2022

CC	DOCDB Kindcode	PUBL. COUNTRY	ST_30	
AM	A	450 Armenia		
	A1	450		
	A2	420		
	B	450		
	B1	450		
	B2	450		
	S	450		
	U	450		
	AP	A	450 African Regional Industrial Property Organization	
		A9	A41	
S		430		
S1		450		
U		450		
AR	V0	A41		
	A1	450 Argentina		
	A1	410		
	A2	410		
	A3	410		
	A4	410		
	A5	410		
	A6	410		
	A7	450		
	B1	450		
	B2	450		
	B3	450		
	B4	450		
	B5	450		
	B6	450		
	M			
	Q	450		
AT	A	410 Austria		
	A1	440		
	A2	430		

DOCDB XML EXCHANGE FORMAT May 2022

15. ANNEX IV - Concordance Dates-of-public-availability

dates-of-public-availability			
gazette-reference	date of announcement of filed application in gazette		A41
abstract-reference	date of separate publication of an abstract		A42
supplemental-srep-reference	date of separate publication of a supplementary search report		A43
gazette-pub-announcement	date of announcement of a granted application in a gazette		A44
modified-first-page-pub	date of separate publication of a modified first page report		A45
modified-complete-spec-pub	date of separate publication of a modified complete specification report		A46
unexamined-not-printed-without-grant	date of making available to the public by viewing or copying on request, an unexamined document on which no grant has taken place on or before the said date		410
examined-not-printed-without-grant	date of making available to the public by viewing or copying on request, an examined document on which no grant has taken place on or before the said date		420
unexamined-printed-without-grant	date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said date		430
examined-printed-without-grant	date of publication by printing or similar process of an examined document on which no grant has taken place on or before the said date		440
printed-with-grant	date of publication by printing or similar process of document on which grant has taken place on or before the said date		450
claims-only-available	date of publication by printing or similar process of the claims only of a document		460
not-printed-with-grant	date of making available to the public by viewing or copying on request of a document on which grant has taken place on or before the said date		470

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## ST30の実践的利用法

Home > Results > BE598265Q

☆ BE598265Q Composition et procédé de blanchissage

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

No original document found. Please consult other publications of this patent family in "Available in", if displayed above.

Applicants: FMC CORP +  
Inventors: KAUFFMANN HUGO J +

Classifications  
IPC: C08G18/38; C08G18/48; C08G18/80; C11D1/00; C11D1/22; C11D3/39; F04C18/348  
CPC: C08G18/3825 (EPUS); C08G18/4833 (EPUS); C08G18/8058 (EPUS); C11D1/008 (EPUS); C11D1/22 (EPUS); C11D3/3932 (EPUS); F04C18/348 (EPUS);

Priorities: US6133855A 1956-10-02  
Application: BE598265A 1960-12-13  
Publication: BE598265Q 1991-01-15

Published as: BE398265Q; FR1183464A; GB819842A; US297518A

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## ST30 TAG 450の解釈方法 – “特許公報の発行日(printed-with-grant)”

BE	A	450	Belgium
	A0	430	
	A1	430	
	A3	440	
	A4	440	
	A5	430	
	A6	430	
	A7	430	
	A9	A46	
	B1	450	
	B3	450	
	B5	450	
	B6	450	
	B9	A46	
	I2	450	
	I9	A46	
	Q	450	
	R	450	
	S	450	
	T1	450	
	T2	450	

printed-with-grant      date of publication by printing or similar process of document on which grant has taken place on or before the said date      450

☆ BE598265Q composition et procédé de blanchissage

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

Applicants: FMC CORP +  
Inventors: KAUFFMANN HUGO J +

Classifications  
IPC: C08G18/38; C08G18/48; C08G18/80; C11D1/00; C11D1/22; C11D3/39; F04C18/348  
CPC: C08G18/3825 (EPUS); C08G18/4833 (EPUS); C08G18/8058 (EPUS); C11D1/008 (EPUS); C11D1/22 (EPUS); C11D3/3932 (EPUS); F04C18/348 (EPUS);

Priorities: US6133855A 1956-10-02  
Application: BE598265A 1960-12-13  
Publication: BE598265Q 1991-01-15

この特許はベルギーで発行され、発行日は1991年1月15日

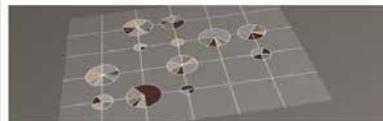
## ST30 TAG 情報を表示するツールやサービス

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Backbone data set for statistical analysis

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

## 4.) EP特許の国内段階移行に関する情報源テーブルとその実践的利用法



## EP特許の国内段階移行に関する情報源

Updated regularly

These files are updated whenever new information is available.

File description	File type	File size	Last updated	Download
Kind code concordance list	XLS	383 KB	W 36/2022	<a href="#">download</a>
Number format concordance - publication numbers	XLS	334 KB	W 36/2022	<a href="#">download</a>
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Overview of citation data in the EPO's citation database (REF)	PDF	59 KB	W 07/2022	<a href="#">download</a>
IPS citations coverage as available at the EPO	PDF	75 KB	W 4/2022	<a href="#">download</a>
Sources of information on national phase entries of EP patents	PDF	16 KB	W 40/2022	<a href="#">download</a>
Where to find European patent documents	PDF	131 KB	W 33/2017	<a href="#">download</a>

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

**EP member/extension/validation states and entry into national phase/extension/validation in our data and tools**

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

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 DOADB/patent family	Legal status 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 filing: on, before or after)
1 AL	Albania	01 May 2010		no	no	no	yes	no	anniversary of filing
2 AT	Austria	01 May 1979	yes	T1-T9	yes**	EP application	yes	yes 01.2016	anniversary of filing
3 BE	Belgium	07 October 1977	only EP/BE***	T1, T2****	yes****	EP application	yes	yes 11.2017	anniversary of filing
4 BG	Bulgaria	01 July 2002		no	no	no	yes	yes 05.2017	anniversary of filing
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 filing
7 CZ	Czech Republic	01 July 2002		no	no	no	yes	yes	anniversary of filing

**EP member/extension/validation states and entry into national phase/extension/validation in our data and tools**

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			New document number for translation of entry to national phase publication	EPO's kind code for translation publication	Translation publication available in DOADB/patent family	Legal status 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 filing: on, before or after)
1 AL	Albania	01 May 2010		no	no	no	yes	no	anniversary of filing
2 AT	Austria	01 May 1979	yes	T1-T9	yes**	EP application	yes	yes 01.2016	anniversary of filing
3 BE	Belgium	07 October 1977	only EP/BE***	T1, T2****	yes****	EP application	yes	yes 11.2017	anniversary of filing
4 BG	Bulgaria	01 July 2002		no	no	no	yes	yes 05.2017	anniversary of filing
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 filing
7 CZ	Czech Republic	01 July 2002		no	no	no	yes	yes	anniversary of filing



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