

## Definition file

### Notes on the SE authority files and their compliance with WIPO's Standard ST.37

#### 1. Publication numbers

Except for L documents, the publication numbers are always those that are printed on the documents.

For L documents, the document number is always recorded as YYNNNNN, regardless of the presentation on the documents (nnnnN/YY, nnnnN/YYYY or YYNNNNN). The YYNNNNN format is the one used in MOSES and in all PRV data exchanges, for example the CPC data exchanges.

E5 documents were before 2012 of two types, national and European. The European E5 documents, which have all been withdrawn and republished as T6 documents, therefore have seven-digit EPO publication numbers.

#### 2. Kind codes

The kind code of the single-page 18-month abstract documents published 1971-2010 is always recorded as L, regardless of the kind code printed on the document (none, A, L, or in a few exceptional cases S).

There is a file for B2 documents, although this is not an official kind code. This file contains the second B document in cases where the same application led to publication of two different B documents with different publication numbers. The numbers of the "B2" documents are therefore missing from the B files.

A list of all official SE kind codes can be found at

[https://www.prv.se/globalassets/dokument/Patent/spd/Swedish\\_patent\\_document\\_codes.pdf](https://www.prv.se/globalassets/dokument/Patent/spd/Swedish_patent_document_codes.pdf)

#### 3. Publication dates

The <publication-reference>...<document-id> publication dates are those printed on the documents, with the following exceptions:

For A1 and L documents, the date in the authority file is the INID 41 "Available to the public" date.

Before 1976-10-18, the INID 41 date printed on L documents was the date when the application was physically made available to the public, which could for example not happen on weekends or public holidays. From that date, this practice was discontinued, and the date was calculated to be exactly 18 months after the priority date. In PRV's IT systems many older applications have such calculated dates, rather than the dates actually printed on the documents. When the original authority files were created, the dates were retrieved from the IT systems, which sometimes resulted in a mismatch between the authority file date and the date printed on the documents. This has been systematically corrected, but some mismatches might still remain.

For C documents, the date is normally the date of the publication of the amended patent. This date was not printed on the documents, only the date of the previous B publication. In some cases it has been impossible to verify the actual publication date. In those cases, the date of the decision to grant the patent date has been used instead. In previous versions of the authority file the decision date, usually some weeks before the publication date, was in many cases given instead of the publication date.

For several kinds of correction documents (C3, C5, C8, E8, T4, T5) the date of the publication of the correction was not printed on the document or recorded in the gazette, only the date of the original

publication. If the date of the actual publication of the correction document is not known, the element is not populated.

For E documents, the date given in previous data exchanges exchanged was the date of the decision about the amendment, not the date of the publication of the actual document (which is also not printed on the document). This has been corrected where possible. If the date of the actual publication is not known, the element is not populated.

For E5 documents, the INID 45 "Patent begränsat" date printed on the document is the date of the decision of the restriction, not the date of the publication of the actual document.

For the different kinds of T documents, the date is the actual publication date of the document, i.e. the date of the announcement of the document in the Swedish Gazette.

When the publication date is not available in machine-readable form, the element is not populated.

#### **4. Application numbers – please note important changes implemented from 2024!**

Since the files now contain application numbers for applications filed during three centuries, the application numbers of national applications have been extended to include all four digits of the number of the year. National application numbers are thus always recorded as CCYYNNNNN, regardless of the presentation on the documents (nnnnN/CCYY, nnnnN/YY or YYNNNNN-X). Please note that this change has only been made in the authority files. It does not affect published documents, pending applications or other data products. T documents still use the original EP application number.

An exception: SE 129444 C1 had application number 10524 ½ /1948. This unique number has been recorded as 194810524. The actual application with number 10524/1948 was never published.

All PRV's IT systems have used the YYNNNNN format since the 1970s. It is impossible to accurately reconstruct the original format printed on the documents without looking at the front page of the documents, since the presentation varied through the years, was inconsistent during several periods, and the dates for switching between number formats were different for different document kinds. Application numbers were not printed on documents published before 1934-04-04 (SE 80001 C1).

E5 documents were before mid-2011 of two types: national patents and translated European patents. Some documents therefore have eight-digit EPO application numbers (and seven-digit EPO document numbers). These documents have been replaced by T6 documents with the same numbers.

#### **5. Application dates**

For applications filed after 2007, the <application-reference><filing-date> is usually the effective date (INID 24). This also applies for all C1 documents. For other applications filed before 2007 it is usually the original filing date (INID 22). There are however many exceptions, since the filing dates printed on documents and stored in IT systems varied during different periods and since data has been collected from different sources.

For T documents, the date is the filing date of the EP application.

When the application date is not available in machine-readable form, the element is not populated.

#### **6. Publication exception codes**

The authority files for national documents only include documents that were published as actual documents. They do thus not include applications for which only bibliographic data were published or grants that did not result in the publication of a new document.

These are the publication indicators used:

**"D"** for "deleted" is used for 48 pre-2012 E5 documents that were withdrawn and replaced by T6 documents with the same numbers.

**"M"** for "missing" indicates that a document has certainly been published, but cannot be found in the PRV archives. The reason is most often that earlier documents were discarded when later publications or corrected documents were published. This unfortunately often happened in the past.

**"P"** for "paper" is given for pre-2006 T1 documents that were announced in the gazette and made available to the public, without being published as actual documents.

**"W"** for "withdrawn" is given when a document number in the main grant number series (C1, B, C2) was not used at all. Numbers in the two big gaps that were caused by legislation changes (numbers 227870-300000 and 470610-500000) are however not indicated by "W". Please note that in MOSES and in our CPC data there are dummy C1, B or C2 documents replacing the "W" documents.

**"X"** for "not published" is given for a few B documents. This indicates that a C document with that number was published without being preceded by the normal B publication. These exceptional publications were formerly secret defence industry patents.

The authority files for document kinds using the application number series (L, L1, A0, A1, A2 and A3) only include documents that certainly were published. They do thus not include any "W" or "M" indicators. Gaps in the numerical sequence are not indicated, since many applications were never made available to the public.

The authority files for document kinds representing amendments or restrictions (C, C3, C5, C8, E, E1, E5, E8) also only include documents that certainly were published.

The authority files for T1-T9 documents only include documents that have entered the Swedish national phase. They therefore also contain many gaps in the numerical sequence.

## **7. Priority application identification**

The files do not include priority data.

## **8. Availability and language of machine-readable text**

The indication of availability and language of the text of documents is derived from data from PRV's IT systems. Since this data relates to the current or final status of the application, and to entire applications rather than single documents or document parts, there might be errors for certain documents and document parts, particularly for A1 documents.

A1 documents that are published in English may additionally include claims translated into Swedish, but this is not mandatory. PRV's IT systems do not include information about the presence of Swedish claims in such cases, so the A1 files give no information the availability of Swedish text if the main publication is in English.

Machine-readable text is not available for any translated European patents (kind codes T1 – T9).

## **9. File structure**

Because of the way the authority files are produced we are not able to deliver a single file containing all document kinds. The files are organized according to document kind.

The B, C1, L and T3 files are split, in order to restrict the files to a manageable size of maximum 100,000 documents.

The files are named in accordance with WIPO Standard ST.37.

## 10. Data integrity

The data has not been systematically cross-checked between authority files for different document kinds. There can thus for example be cases where the same application has different application dates (INID 22 or INID 24) in different files.

## 11. Completeness

The files include all documents published by Patent- och Registreringsverket (the Swedish Intellectual Property Office) and its predecessor Kongl. Patentbyrån from 1885-06-05 up to and including 2024-06-3 (week 2024-26).

The files include all national SE document kinds, with the following exceptions:

- There is no file for B5 documents. B5 is mentioned in the official list of SE kind codes, but no actual such documents are known.
- There are no files for A4, E9, T2 and T7 documents, since no such documents have been published yet.
- In the past, a file for E9 documents was published. This was in error and the file has been withdrawn.

The files include all T documents (translated EPO patents) that have been published. Gaps are not indicated, since many EP patents are not validated in Sweden. T1 documents have only been published as actual documents since 2006-01-01. Before that date they were only made available to the public for viewing and copying at PRV's library.

## 12. ST.37 version and DTD

The files are produced and named in accordance with version 2.2 of the WIPO standard ST.37, and its corresponding DTD "ST37AuthorityFile\_V2-2.dtd".

## 13. Coverage

The following list contains the last updated SE authority files as of 2024-08-21, representing all documents published up to 2024-06-30:

Kind	File No.	Coverage (No.)	Latest update	Docs.	Comments
A0	1	All	2024-02-15	807	
A1	2	All	2024-08-21	17523	
A2	3	All	2024-08-21	106	
A3	4	All	2024-02-15	9	
A4		-			No A4 documents have been published yet
B	5	300001-399999	2024-02-15	99997	No longer published
B	6	400000-470609	2024-02-15	70578	No longer published
"B2"	7	All	2024-02-15	34	No longer published
B5		-			No longer published, none known
C	8	All	2024-08-21	1512	No longer published
C1	9	1-99999	2024-02-15	99999	No longer published.
C1	10	100000-199999	2024-08-21	100000	No longer published.

Kind	File No.	Coverage (No.)	Latest update	Docs.	Comments
C1	11	200000-227869	2024-08-21	27870	No longer published.
C2	12	All	2024-08-21	46198	
C3	13	All	2024-02-15	455	
C5	14	All	2024-02-15	1	No longer published
C8	15	All	2024-08-21	144	
E	16	All	2024-08-21	241	
E1	17	All	2024-02-15	2	
E5	18	All	2024-08-21	64	
E8	19	All	2024-02-15	9	
E9		-			No E9 documents have been published yet
L	20	6600001-7499999	2024-08-21	70646	No longer published
L	21	7500001-7999999	2024-08-21	58351	No longer published
L	22	8000001-8999999	2024-08-21	45418	No longer published
L	23	9000001-9999999	2024-08-21	24863	No longer published
L	24	0000001-1099999	2024-08-21	17477	No longer published
L1	25	All	2024-02-15	7	No longer published
T1	26	All	2024-08-21	8384	
T2		-			No T2 documents have been published yet
T3	27	0000001-0299999	2022-08-24	85862	
T3	28	0300000-0699999	2022-08-24	78593	
T3	29	0700000-1299999	2022-08-24	77813	
T3	30	1300000-2199999	2024-08-21	73765	
T3	31	2200000-3099999	2024-08-21	69464	
T3	32	3100000-4399999	2024-08-21	47197	
T4	33	All	2024-08-21	8635	
T5	34	All	2023-01-18	4053	
T6	35	All	2024-08-21	242	
T7		-			No T7 documents have been published yet
T8	36	All	2024-08-21	782	
T9	37	All	2024-08-21	207	
<b>Total</b>				<b>1137308</b>	

#### 14. Incremental authority file

The published file package also includes an incremental file, named "SE\_AF\_incremental\_20240101-20240630.xml". This file contains all SE documents, of all kinds, that were published from 2024-01-01 to 2024-06-30. Please note that this file does not contain any corrections or completions relating to documents published before that period.