

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 The European E5 documents, which have all been withdrawn and republished as T6 documents, therefore have seven-digit EPO publication numbers rather than the normal six digits.

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).

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

3. Publication dates

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

For A0, 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 was the date of the decision about the amendment, not the date of the publication of the actual document (which was 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 published before 2024, 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 documents published 2024 and later it is the publication date.

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 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.

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 are never made available to the public, and since three series of serial numbers (YY0xxxx, YY3xxxx and YY5xxxx) are used, depending on how the applications were filed.

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 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 2024-12-31 (week 2024-52).

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 or 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. 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 2024-12-31:

Kind	File No.	Latest update	Documents	Comments
A0	1	2025-02-26	809	
A1	2	2025-02-26	18195	
A2	3	2025-02-26	106	
A3	4	2025-02-26	9	
A4				No A4 documents have been published yet
B	5	2025-02-26	170609	No longer published
B5				No longer published, none known
C	6	2025-02-26	1512	No longer published
C1	7	2025-02-26	227869	No longer published.
C2	8	2025-02-26	46599	
C3	9	2025-02-26	455	
C5	10	2025-02-26	1	No longer published
C8	11	2025-02-26	144	
E	12	2025-02-26	242	
E1	13	2025-02-26	3	
E5	14	2025-02-26	64	
E8	15	2025-02-26	9	
E9				No E9 documents have been published yet
L	16	2025-02-26	216765	No longer published
L1	17	2025-02-26	7	No longer published
T1	18	2025-02-26	8388	
T2				No T2 documents have been published yet
T3	19	2025-02-26	435794	
T4	20	2025-02-26	8761	
T5	21	2025-02-26	4053	
T6	22	2025-02-26	245	
T7				No T7 documents have been published yet
T8	23	2025-02-26	783	
T9	24	2025-02-26	214	
Total			1141636	

14. Incremental authority file

The published file package also includes an incremental file, named "SE_AF_incremental_20240701-20241231.xml". This file contains all SE documents, of all kinds, that were published from 2024-07-01 to 2024-12-31. Please note that this file does not contain any corrections or completions relating to documents published before that period.