

Definition file

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

1. Publication numbers

The document number of L documents 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 our data exchanges, for example in the CPC data exchanges.

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 (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 numbers. This arrangement has been made for data integrity reasons.

A list of all SE kind codes can be found at

https://www.prv.se/globalassets/dokument/Patent/spd/Swedish_patent_document_codes.pdf

3. Publication dates

For some early L documents, the <document-id> date in the authority file doesn't match what is printed on the document. The reason is that those dates have been retrieved from PRV's databases, which for old applications sometimes give a calculated publication date, exactly 18 months after the priority date. The date printed on documents was originally the date when the application was physically made available to the public, which could for example not happen on weekends or public holidays. Obviously incorrect dates have been corrected, but the cost of systematic checking of all documents would be forbidding.

For C documents, the <document-id> date is the date of the actual grant of the patent. This date was not printed on the documents, only the date of the previous B publication.

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

For E documents, the publication date previously 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). If the date of the actual publication of the correction 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 restriction, not the date of the publication of the actual document.

For the different kinds of T documents, the <document-id> date is the actual publication date of the document, i.e. the date of the announcement of the document in the Gazette.

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

4. Application numbers

National application numbers are always recorded as YYNNNNN, regardless of the presentation on the documents (nnnnN/CCYY, nnnnN/YY or YYNNNNN-X).

The YYNNNNN format is used in all PRV's IT systems since decades. It's impossible to accurately reconstruct the original format without looking at the front page of the documents, since the presentation was inconsistent and the dates for switching between number formats were different for different document kinds.

Application numbers were not printed on documents published before 1934. If the application number is not known, or not available in machine-readable form, the element is not populated.

5. Application dates

For applications filed after 2007 the <application-reference> date is usually the effective date (INID 24). For applications filed before 2007 it is usually the original filing date (INID 22). There are however many exceptions to this, since the filing date(s) printed on documents varied during different periods and since data has been collected from different sources.

For T documents, the <application-reference> 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 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:

"M" for "missing" indicates that a document has certainly been published, but cannot be found in our 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 printed as actual documents

"W" for "withdrawn" is given when document numbers in the main grant number series (C1, B/C and C2) were not used at all. Numbers in the two big gaps that were caused by law changes (227870-300000 and 470610-500000) are 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 the normal previous B publication. These exceptional publications were formerly secret defence industry patents.

The authority files for the documents 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 are not indicated, since many applications were not made available to the public.

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 series.

7. Priority application identification

The files do not include priority data.

8. File structure

Because of the way the authority files are produced we will not for the time be able to deliver a single file containing all document kinds. We at least for the moment prefer to deliver separate files for each document kind, since a single common list, or indeed even a complete list for the most common kind codes, would be too big to handle.

The B, C1, L and T3 files are normally split in order to restrict the file size to less than 100,000 documents, enabling access with normal office software.

The 35 files are named in accordance with WIPO Standard ST.37. There is no file number 19, since the E9 file has been withdrawn.

9. 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.

10. Completeness

The files include all documents published from 1885-06-05 up to and including 2021-12-31 (week 2021-52).

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. If any have been published, we suspect that they have simply replaced the corresponding B documents in our numerical series and in MOSES.
- There are no files for A4, 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. There is therefore no file number 19.

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.

11. ST.37 version and DTD

The files are produced in accordance with version 2.0 of the WIPO standard ST.37, and its corresponding DTD "ST37AuthorityFile_V2-0.dtd".

12. Coverage

The following list contains the last updated SE authority files as of 2022-01-19, representing the documents published up to 2021-12-31. It can be noted that a couple of T document files contain fewer documents than the previous ones. The reason is that it has been verified that some documents that were previous recorded as "missing" were in fact never published.

Kind	No.	Coverage (No.)	Latest update	Docs.	Comments
A0	1	All	2021-08-25	804	
A1	2	All	2022-01-19	14578	
A2	3	All	2020-09-09	95	
A3	4	All	2022-01-19	9	
A4		-			No A4 documents have been published yet
B	5	300001-399999	2021-08-25	99997	No longer published
B	6	400000-470609	2021-02-12	70578	No longer published
"B2"	7	All	2021-02-12	34	No longer published
B5		-			No longer published, none known
C	8	All	2021-02-12	1512	No longer published

Kind	No.	Coverage (No.)	Latest update	Docs.	Comments
C1	9	1-99999	2021-02-12	99999	No longer published.
C1	10	100000-227869	2021-02-12	127870	No longer published.
C2	11	All	2022-01-19	44118	
C3	12	All	2020-01-22	455	
C5	13	All	2020-01-22	1	No longer published
C8	14	All	2020-01-22	142	
E	15	All	2021-08-25	232	
E1	16	All	2020-01-22	2	
E5	17	All	2021-02-12	16	
E8	18	All	2020-01-22	9	
E9		-			No E9 documents have been published yet
L	20	6600001-7499999	2020-01-22	70647	No longer published
L	21	7500001-7999999	2020-01-22	58350	No longer published
L	22	8000001-8999999	2020-01-22	45418	No longer published
L	23	9000001-9999999	2020-01-22	24863	No longer published
L	24	0000001-1099999	2020-01-22	17477	No longer published
L1	25	All	2020-01-22	7	No longer published
T1	26	All	2022-01-19	8361	
T2		-			No T2 documents have been published yet
T3	27	0000001-0299999	2022-01-19	85862	
T3	28	0300000-0799999	2022-01-19	95239	
T3	29	0800000-1699999	2022-01-19	97242	
T3	30	1700000-2999999	2022-01-19	98254	
T3	31	3000000-3899999	2022-01-19	34343	
T4	32	All	2022-01-19	7877	
T5	33	All	2022-01-19	4051	
T6	34	All	2022-01-19	206	
T7		-			No T7 documents have been published yet
T8	35	All	2022-01-19	770	
T9	36	All	2022-01-19	194	
Total				1109612	

13. Incremental authority file

The published file package also includes an incremental file, named "SE_AF_incremental_20210701-20211231.xml". This file contains all SE documents, of all kinds, that were published from 2021-07-01 to 2021-12-31. Please note that this file does not contain any corrections or completions relating to documents published before that period.