

DEFINITION FILE FOR FI AUTHORITY FILE

This definition file relates to the following authority file:

FI_AF_20230522.xml

Date of production

2022-05-22

Data coverage

Public FI documents from 1833-03-06 to 2022-12-31.

The FI authority file lists all FI patent, FI utility model and EP/FI patent publications.

Coverage according to document type and kind-of-document code is presented in the attached table [1].

Used options: File generated according to WIPO Standard – ST.37 ANNEX IV with the following options:

- Application information is provided where available
- Priority data not included
- Publication Exception Codes used are the following:

Publication Exception Code	Definition
M	Missing published documents.
N	Number not in use, new publication series started.
P	Paper Documents not yet digitalized.
R	Renumbered publication/application numbers.
W	Applications (or patents), which were withdrawn before the publication.

Remarks:

- For consistency check, the FI authority file contains publication numbers for which no document has been issued (withdrawn, omitted) or is not available (missing).
- R-Renumbered publication/application numbers
Some publication and application numbers are renumbered for the uniqueness of the authority file entries, see the item 2.b in the “Numbering Formats” section for more information. The renumbering concerns only the current Authority file.

Numbering Formats:

1. There are few cases where special attention is needed to interpret the used publication numbers:
2. There has been a numbering error in issued patents in the year 1918. There are duplicate patents with for the patent number 7103, to distinguish different publications it has been used document numbers 7103a and 7103b respectively. Note, here “a” and “b” are part of the publication number, they are NOT related to Kind Codes.

Before the year 1975 Finnish patent office used an application numbering system as follows: nnnnn/yy, where nnnnn refers to sequential application number (1 to 5 digits) and yy refers to two rightmost digits of the year. After 1975, a new numbering system was adopted where the year number formed two leading digits, and a fixed four-digit sequential number was used after the year digits, i.e. the application number format was yynnnn. Furthermore, in the year 1999, the current numbering format was introduced, that is ccynnnn, where cc stands for century, yy refers decade/year, and nnnn is a fixed four-digit sequential number.

Because of different numbering formats, it is impossible to uniquely present all publication and application numbers with non-alphanumeric characters removed as stated in WIPO ST37 paragraph 17. The following exceptions have been made to avoid number collision between nnnnyy and yynnnn number formats:

- a. For granted patents filed before the year 1968, a publication number with D extension is used. For example, granted patent FI20325 has application number 20325D.
- b. For the uniqueness of the Authority file, 43 applications from the year 1937 to 1947 have been renumbered, to avoid collisions with newer application numbers. All the renumbered applications have A7 kind code, and they have Publication Exception Code R. The renumbered applications have D-extension in the application number, and publication/application number is presented in ccynnnn format. For example, application 7726/46 has been renumbered to 19467726D. The renumbering concerns only the current Authority file, the publications use the original slashes (For example FI 7726/46 A7).

Table [1] detailed data coverage.

Publication numbers Min-Max	Application numbers Min-Max	Kind Code	Total*	Type and comments
1 – 37835	1D - 37835D	A	37.829	Granted patents filed in 1842 – 1967 (Patent Acts No. 308/ 1925, 147/ 1929, 387/ 1943).
20145534 - 20216194	20145534 - 20216194	A1	3.365	Application publication, Published from September 2018.
18330001 - 18470001	18330001 - 18470001	A5	23	Granted unnumbered patents years 1833 – 1847.
168 - 20187016	168 - 20187016	A7	71.243	Patent applications 1920 - 2018 (First application= 118 from year 1920, Last application=7016 from year 2018). The application number 168 stands for 1/68 i.e. application 1 from 1968.
40001 - 99285	162 - 19963733	B	59.193	The document laid open for public inspection in accordance with the Patent Act of 1967, No. 550/ 1967. The application number 162 stands for 1/62 i.e. application 1 from 1962.
100001 - 129371	860308 - 20215174	B	30.018	Granted patents in accordance with the Patent Act of 1997, No. 243/ 1997.
103031- 128161	922824 - 20195181	B1	71	Corrected patent specification.
96887 - 127206	893818 - 20146139	B2	102	Patent specification amended after opposition.
102508 - 121938	920749 - 20070746	B3	8	Patent specification amended after administrative reexamination.
40001 - 99285	162 – 963733	C	58.141	Granted patents in accordance with the Patent Act of 1967, No. 550/ 1967. The application number 162 stands for 1/62 i.e. application 1 from 1962.
91133	932487	C1	1	Corrected patent specification.
803119 - 20187016	803119 – 20187016	L	98.950	Patent application – Abstract.
EP950044 - EP3857204	EP105910 - EP167944065	T1	344	Translation of claims of a European patent application.
EPEP941304 - EP2366395	EP4758696 - EP99122346	T2	5	Corrected translation of claims of a European patent application.
EPEP729863 - EP3860846	EP100009 - EP999513039	T3	124.164	Translation of a European patent specification.
EPEP732443 - EP3359469	EP105583 - EP999603723	T4	1.896	Translation of an amended European patent specification.
EPEP761871 - EP3596653	EP105929 - EP157669169	T5	327	Corrected translation of a European patent specification.
EPEP751129 - EP3325623	EP111538 - EP989322342	T6	143	Translation of a European patent limited by the proprietor.
EPEP1143977 - EP1173181	EP900082 - EP926367	T7	3	Translation of a limited European patent.
U20040171 - U20210067	U20040171 - U20210067	U1	46	Utility model application made available to the public.
1 - 12704	U920001 - U20204083	U1	12.656	Granted utility model.
12705 - 13072	U20180094 - U20214122	Y1	603	Granted utility model.
9393 - 12416	U20110064 - U20194057	Z1	7	Amended utility model specification.

Note*: The total number of documents does not include data entries with Publication Exception Codes M, N or W.

A detailed (annual) data-coverage available upon request from neuvonta.patentti@prh.fi or jouko.berndtson@prh.fi.