

Estonian Patent Office
Register of European Patents Valid in Estonia
01.01.2022 - 31.12.2022 Statistical Basic Report

I Granted European patents

1. Number of patents, entered into and deleted from the register during the period of 01.01.2022 - 31.12.2022

Table 1

Accounting period	Granted patents		Deleted patents		Restored patents
	Total	incl. patents belonging to the Estonian residents	Total	incl. patents belonging to the Estonian residents	
01.01.2022 - 31.12.2022	1 236	4	1 226	3	19

2. Patents, entered into the register during the period of 01.01.2022 - 31.12.2022 broken down according to the International Patent Classification (IPC)

Table 2

Section of the IPC	Granted patents	
	number	percentage
1. Section A Human necessities	416	33,66%
2. Section B Performing operations; transporting	136	11,00%
3. Section C Chemistry; metallurgy	404	32,69%
4. Section D Textiles; paper	17	1,38%
5. Section E Fixed constructions	57	4,61%
6. Section F Mechanical engineering; lighting; heating; weapons; blasting	66	5,34%
7. Section G Physics	66	5,34%
8. Section H Electricity	74	5,99%
Total	1 236	100,00%

3. Patents, entered into the register during the period of 01.01.2022 - 31.12.2022 broken down according to the applicant's country of residence

Table 3

Country code	Granted patents	
	number	percentage
AE	2	0,16%
AT	18	1,46%
AU	5	0,40%
BB	1	0,08%
BE	39	3,16%
BM	1	0,08%
BR	1	0,08%
CA	6	0,49%
CH	64	5,18%
CL	2	0,16%
CN	15	1,21%
DE	161	13,03%
DK	26	2,10%
EE	4	0,32%
ES	27	2,18%
FI	56	4,53%
FR	56	4,53%
GB	78	6,31%
GE	1	0,08%

GR	8	0,65%
HK	1	0,08%
HU	6	0,49%
IE	9	0,73%
IL	12	0,97%
IN	11	0,89%
IS	2	0,16%
IT	60	4,85%
JP	39	3,16%
KR	11	0,89%
LT	1	0,08%
LU	8	0,65%
LV	2	0,16%
MT	5	0,40%
MU	2	0,16%
NL	42	3,40%
NO	22	1,78%
NZ	2	0,16%
PL	8	0,65%
PT	5	0,40%
RO	1	0,08%
RU	1	0,08%
SE	55	4,45%
SG	2	0,16%
SI	4	0,32%
SK	2	0,16%
TR	1	0,08%
TW	7	0,57%
US	342	27,67%
VG	1	0,08%
ZA	1	0,08%
Total	1 236	100,00%

II European Patents belonging to the Estonian residents entered into the register

4. Patents belonging to the Estonian residents, entered into and deleted from the register during the period of 01.01.2022 - 31.12.2022

Table 4

Accounting period	Granted patents	Deleted patents
01.01.2022 - 31.12.2022	4	3

5. Patents belonging to the Estonian residents entered into the register during the period of 01.01.2022 - 31.12.2022 broken down according to the International Patent Classification (IPC)

Table 5

Section of the IPC	Granted patents	
	number	percentage
1. Section A Human necessities	0	0,00%
2. Section B Performing operations; transporting	0	0,00%
3. Section C Chemistry; metallurgy	1	25,00%
4. Section D Textiles; paper	0	0,00%
5. Section E Fixed constructions	2	50,00%
6. Section F Mechanical engineering; lighting; heating; weapons; blasting	0	0,00%
7. Section G Physics	1	25,00%
8. Section H Electricity	0	0,00%
Total	4	100,00%

6. Patents belonging to the Estonian residents entered into the register during the period of 01.01.2022 - 31.12.2022 broken down according to counties

Table 6

County	Granted patents	
	number	percentage
Tallinn	3	75,00%
Viljandi	1	25,00%
Total	4	100,00%

III Valid European patents

7. Patents valid as of 31.12.2022 broken down according to the year of application

Table 7

Year of application	Valid patents	
	number	percentage
2002	25	0,21%
2003	439	3,77%
2004	536	4,61%
2005	518	4,45%
2006	584	5,02%
2007	523	4,50%
2008	617	5,30%
2009	696	5,98%
2010	717	6,16%
2011	848	7,29%
2012	832	7,15%
2013	996	8,56%
2014	983	8,45%
2015	977	8,40%
2016	879	7,56%
2017	730	6,28%
2018	449	3,86%
2019	212	1,82%
2020	63	0,54%
2021	9	0,08%
Total	11 633	

8. Patents valid as of 31.12.2022 broken down according to the International Patent Classification (IPC)

Table 8

Section of the IPC	Valid patents	
	number	percentage
1. Section A Human necessities	4 032	34,66%
2. Section B Performing operations; transporting	999	8,59%
3. Section C Chemistry; metallurgy	4 253	36,56%
4. Section D Textiles; paper	71	0,61%
5. Section E Fixed constructions	513	4,41%
6. Section F Mechanical engineering; lighting; heating; weapons; blasting	449	3,86%
7. Section G Physics	509	4,38%
8. Section H Electricity	807	6,94%
Total	11 633	100,00%

9. Patents valid as of 31.12.2022 broken down according to the applicant's country of residence

Table 9

Country Code	Valid patents	
	number	percentage
AD	1	0,01%
AE	7	0,06%
AG	5	0,04%
AN	2	0,02%
AR	1	0,01%

AT	180	1,55%
AU	54	0,46%
BB	2	0,02%
BE	431	3,70%
BG	2	0,02%
BM	16	0,14%
BR	2	0,02%
BS	8	0,07%
CA	78	0,67%
CH	789	6,78%
CL	4	0,03%
CN	132	1,13%
CW	14	0,12%
CY	16	0,14%
CZ	21	0,18%
DE	1 351	11,61%
DK	240	2,06%
EE	29	0,25%
ES	203	1,75%
FI	489	4,20%
FO	3	0,03%
FR	597	5,13%
GB	586	5,04%
GE	1	0,01%
GI	1	0,01%
GR	32	0,28%
HK	8	0,07%
HR	1	0,01%
HU	46	0,40%
IE	134	1,15%
IL	73	0,63%
IN	75	0,64%
IS	5	0,04%
IT	563	4,84%
JP	553	4,75%
KR	183	1,57%
KY	7	0,06%
KZ	1	0,01%
LB	2	0,02%
LI	5	0,04%
LT	3	0,03%
LU	95	0,82%
LV	12	0,10%
MC	1	0,01%
MT	16	0,14%
MU	3	0,03%
MX	6	0,05%
MY	3	0,03%
NL	337	2,90%
NO	123	1,06%
NZ	16	0,14%
OM	1	0,01%
PL	66	0,57%
PT	34	0,29%
RO	2	0,02%
RS	1	0,01%

RU	24	0,21%
SA	1	0,01%
SE	528	4,54%
SG	24	0,21%
SI	19	0,16%
SK	12	0,10%
TN	1	0,01%
TR	15	0,13%
TW	24	0,21%
UA	1	0,01%
US	3 292	28,30%
UY	1	0,01%
VG	10	0,09%
VN	3	0,03%
ZA	6	0,05%
Total	11 633	100,00%

IV Valid European patents belonging to the Estonian residents

10. Patents belonging to the Estonian residents valid as of 31.12.2022

Table 10

Year of application	Valid patents	
	number	percentage
2009	1	3,45%
2010	1	3,45%
2011	4	13,79%
2012	1	3,45%
2013	4	13,79%
2014	5	17,24%
2015	4	13,79%
2016	4	13,79%
2017	3	10,34%
2018	1	3,45%
2021	1	3,45%
Total	29	100,00%

11. Patents belonging to the Estonian residents valid as of 31.12.2022 broken down according to the International Patent Classification (IPC)

Table 11

Section of the IPC	Valid patents	
	number	percentage
1. Section A Human necessities	6	20,69%
2. Section B Performing operations; transporting	8	27,59%
3. Section C Chemistry; metallurgy	5	17,24%
4. Section D Textiles; paper	0	0,00%
5. Section E Fixed constructions	3	10,34%
6. Section F Mechanical engineering; lighting; heating; weapons; blasting	4	13,79%
7. Section G Physics	2	6,90%
8. Section H Electricity	1	3,45%
Total	29	100,00%

12. Patents belonging to the Estonian residents valid as of 31.12.2022 broken down according to counties

Table 12

County	Valid patents	
	number	percentage
Harju maakond	16	55,17%
Ida-Viru maakond	1	3,45%
Järva maakond	1	3,45%
Saare maakond	2	6,90%
Tartu maakond	5	17,24%
Viljandi maakond	4	13,79%
Total	29	100,00%