

Estonian Patent Office
Register of European Patents Valid in Estonia
01.01.2023 - 31.12.2023 Statistical Basic Report

I Granted European patents

1. Number of patents, entered into and deleted from the register during the period of 01.01.2023 - 31.12.2023

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	
01.01.2023 - 31.12.2023	876	5	1 465	1	9

2. Patents, entered into the register during the period of 01.01.2023 - 31.12.2023 broken down according to the International Patent Classification (IPC)

Table 2

Section of the IPC	Granted patents	
	number	percentage
1. Section A Human necessities	292	33,33%
2. Section B Performing operations; transporting	74	8,45%
3. Section C Chemistry; metallurgy	271	30,94%
4. Section D Textiles; paper	5	0,57%
5. Section E Fixed constructions	38	4,34%
6. Section F Mechanical engineering; lighting; heating; weapons; blasting	35	4,00%
7. Section G Physics	64	7,31%
8. Section H Electricity	97	11,07%
Total	876	100,00%

3. Patents, entered into the register during the period of 01.01.2023 - 31.12.2023 broken down according to the applicant's country of residence

Table 3

Country code	Granted patents	
	number	percentage
AE	1	0,11%
AT	15	1,71%
AU	5	0,57%
BE	26	2,97%
BR	1	0,11%
CA	4	0,46%
CH	45	5,14%
CN	16	1,83%
CY	1	0,11%
CZ	2	0,23%
DE	108	12,33%
DK	18	2,05%
EE	5	0,57%
ES	24	2,74%
FI	25	2,85%
FR	36	4,11%
GB	48	5,48%
GR	5	0,57%

HK	4	0,46%
HU	3	0,34%
IE	7	0,80%
IL	7	0,80%
IN	1	0,11%
IT	35	4,00%
JP	45	5,14%
KR	45	5,14%
LT	1	0,11%
LU	2	0,23%
LV	1	0,11%
MT	1	0,11%
MX	1	0,11%
NL	23	2,63%
NO	6	0,68%
PL	7	0,80%
PT	2	0,23%
SE	42	4,79%
SG	2	0,23%
SK	2	0,23%
TR	1	0,11%
TW	2	0,23%
US	251	28,65%
Total	876	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 01.01.2023 - 31.12.2023

Table 4

Accounting period	Granted patents	Deleted patents
01.01.2023 - 31.12.2023	5	1

5. Patents belonging to the Estonian residents entered into the register during the period of 01.01.2023 - 31.12.2023 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	2	40,00%
3. Section C Chemistry; metallurgy	2	40,00%
4. Section D Textiles; paper	0	0,00%
5. Section E Fixed constructions	0	0,00%
6. Section F Mechanical engineering; lighting; heating; weapons; blasting	0	0,00%
7. Section G Physics	1	20,00%
8. Section H Electricity	0	0,00%
Total	5	100,00%

6. Patents belonging to the Estonian residents entered into the register during the period of 01.01.2023 - 31.12.2023 broken down according to counties

Table 6

County	Granted patents	
	number	percentage
Harju maakond	4	80,00%
Viljandi maakond	1	20,00%
Total	5	100,00%

III Valid European patents

7. Patents valid as of 31.12.2023 broken down according to the year of application

Table 7

Year of application	Valid patents	
	number	percentage
2003	18	0,16%
2004	461	4,17%
2005	463	4,19%
2006	516	4,67%
2007	474	4,29%
2008	560	5,07%
2009	645	5,84%
2010	653	5,91%
2011	809	7,32%
2012	804	7,27%
2013	941	8,51%
2014	937	8,48%
2015	971	8,78%
2016	896	8,11%
2017	793	7,17%
2018	556	5,03%
2019	373	3,37%
2020	143	1,29%
2021	35	0,32%
2022	5	0,05%
Total	11 053	100,00%

8. Patents valid as of 31.12.2023 broken down according to the International Patent Classification (IPC)

Table 8

Section of the IPC	Valid patents	
	number	percentage
1. Section A Human necessities	3 795	34,33%
2. Section B Performing operations; transporting	952	8,61%
3. Section C Chemistry; metallurgy	4 024	36,41%
4. Section D Textiles; paper	63	0,57%
5. Section E Fixed constructions	480	4,34%
6. Section F Mechanical engineering; lighting; heating; weapons; blasting	420	3,80%
7. Section G Physics	525	4,75%
8. Section H Electricity	794	7,18%
Total	11 053	100,00%

9. Patents valid as of 31.12.2023 broken down according to the applicant's country of residence

Table 9

Country Code	Valid patents	
	number	percentage
AD	1	0,01%
AE	8	0,07%
AR	1	0,01%
AT	171	1,55%

AU	50	0,45%
BB	1	0,01%
BE	383	3,47%
BG	1	0,01%
BM	12	0,11%
BR	3	0,03%
BS	6	0,05%
CA	70	0,63%
CH	706	6,39%
CL	4	0,04%
CN	130	1,18%
CY	17	0,15%
CZ	21	0,19%
DE	1 304	11,80%
DK	226	2,04%
EE	34	0,31%
ES	196	1,77%
FI	466	4,22%
FO	3	0,03%
FR	559	5,06%
GB	538	4,87%
GI	1	0,01%
GR	34	0,31%
HK	11	0,10%
HR	1	0,01%
HU	42	0,38%
IE	147	1,33%
IL	72	0,65%
IN	64	0,58%
IS	5	0,05%
IT	519	4,70%
JP	528	4,78%
KR	212	1,92%
KY	6	0,05%
KZ	1	0,01%
LB	1	0,01%
LI	4	0,04%
LT	4	0,04%
LU	85	0,77%
LV	9	0,08%
MC	1	0,01%
MT	14	0,13%
MU	3	0,03%
MX	7	0,06%
MY	3	0,03%
NL	292	2,64%
NO	115	1,04%
NZ	15	0,14%
OM	1	0,01%
PL	64	0,58%
PT	27	0,24%
RO	2	0,02%
RS	1	0,01%
RU	15	0,14%
SA	1	0,01%
SE	520	4,70%

SG	28	0,25%
SI	19	0,17%
SK	12	0,11%
TN	1	0,01%
TR	15	0,14%
TW	23	0,21%
UA	1	0,01%
US	3 200	28,95%
UY	1	0,01%
VG	8	0,07%
VN	3	0,03%
ZA	4	0,04%
Total	11 053	100,00%

IV Valid European patents belonging to the Estonian residents

10. Patents belonging to the Estonian residents valid as of 31.12.2023

Table 10

Year of application	Valid patents	
	number	percentage
2009	1	2,94%
2010	1	2,94%
2011	4	11,76%
2012	1	2,94%
2013	4	11,76%
2014	5	14,71%
2015	5	14,71%
2016	4	11,76%
2017	5	14,71%
2018	1	2,94%
2019	1	2,94%
2021	2	5,88%
Total	34	100,00%

11. Patents belonging to the Estonian residents valid as of 31.12.2023 broken down according to the International Patent Classification (IPC)

Table 11

Section of the IPC	Valid patents	
	number	percentage
1. Section A Human necessities	5	14,71%
2. Section B Performing operations; transporting	10	29,41%
3. Section C Chemistry; metallurgy	8	23,53%
4. Section D Textiles; paper	0	0,00%
5. Section E Fixed constructions	3	8,82%
6. Section F Mechanical engineering; lighting; heating; weapons; blasting	4	11,76%
7. Section G Physics	3	8,82%
8. Section H Electricity	1	2,94%
Total	34	100,00%

12. Patents belonging to the Estonian residents valid as of 31.12.2023 broken down according to counties

Table 12

County	Valid patents	
	number	percentage
Harju maakond	21	61,76%
Ida-Viru maakond	1	2,94%
Järva maakond	1	2,94%
Saare maakond	2	5,88%
Tartu maakond	5	14,71%
Viljandi maakond	4	11,76%
Total	34	100,00%