

Estonian Patent Office
Register of European Patents Valid in Estonia
01.01.2021 - 31.12.2021 Statistical Basic Report

I Granted European patents

1. Number of patents, entered into and deleted from the register during the period of 01.01.2021 - 31.12.2021

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	
01.01.2021 - 31.12.2021	1 595	3	1 400	4	30

2. Patents, entered into the register during the period of 01.01.2021 - 31.12.2021 broken down according to the International Patent Classification (IPC)

Table 2

Section of the IPC	Granted patents	
	number	percentage
1. Section A Human necessities	564	35,36%
2. Section B Performing operations; transporting	145	9,09%
3. Section C Chemistry; metallurgy	529	33,17%
4. Section D Textiles; paper	10	0,63%
5. Section E Fixed constructions	67	4,20%
6. Section F Mechanical engineering; lighting; heating; weapons; blasting	86	5,39%
7. Section G Physics	96	6,02%
8. Section H Electricity	98	6,14%
Total	1 595	100,00%

3. Patents, entered into the register during the period of 01.01.2021 - 31.12.2021 broken down according to the applicant's country of residence

Table 3

Country code	Granted patents	
	number	percentage
AT	20	1,25%
AU	9	0,56%
BE	40	2,51%
BM	1	0,06%
BR	1	0,06%
CA	9	0,56%
CH	76	4,76%
CN	22	1,38%
CW	2	0,13%
CY	2	0,13%
CZ	3	0,19%
DE	195	12,23%
DK	29	1,82%
EE	3	0,19%
ES	26	1,63%
FI	70	4,39%
FO	1	0,06%
FR	66	4,14%
GB	107	6,71%

GI	1	0,06%
GR	3	0,19%
HU	4	0,25%
IE	18	1,13%
IL	11	0,69%
IN	12	0,75%
IS	2	0,13%
IT	75	4,70%
JP	57	3,57%
KR	19	1,19%
KY	1	0,06%
LT	2	0,13%
LU	11	0,69%
LV	1	0,06%
MT	4	0,25%
MX	1	0,06%
NL	52	3,26%
NO	17	1,07%
NZ	3	0,19%
PL	17	1,07%
PT	5	0,31%
RU	3	0,19%
SE	80	5,02%
SG	2	0,13%
SI	3	0,19%
SK	4	0,25%
TR	2	0,13%
TW	1	0,06%
US	500	31,35%
VG	1	0,06%
VN	1	0,06%
Total	1 595	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 01.01.2021 - 31.12.2021

Table 4

Accounting period	Granted patents	Deleted patents
01.01.2021 - 31.12.2021	3	4

5. Patents belonging to the Estonian residents entered into the register during the period of 01.01.2021 - 31.12.2021 broken down according to the International Patent Classification (IPC)

Table 5

Section of the IPC	Granted patents	
	number	percentage
1. Section A Human necessities	1	33,33%
2. Section B Performing operations; transporting	0	0,00%
3. Section C Chemistry; metallurgy	1	33,33%
4. Section D Textiles; paper	0	0,00%
5. Section E Fixed constructions	1	33,33%
6. Section F Mechanical engineering; lighting; heating; weapons; blasting	0	0,00%
7. Section G Physics	0	0,00%
8. Section H Electricity	0	0,00%
Total	3	100,00%

6. Patents belonging to the Estonian residents entered into the register during the period of 01.01.2021 - 31.12.2021 broken down according to counties

Table 6

County	Granted patents	
	number	percentage
Harju maakond	2	66,67%
Tartu maakond	1	33,33%
Total	3	100,00%

III Valid European patents

7. Patents valid as of 31.12.2021 broken down according to the year of application

Table 7

Year of application	Valid patents	
	number	percentage
2002	243	2,09%
2003	479	4,13%
2004	579	4,99%
2005	586	5,05%
2006	639	5,51%
2007	584	5,03%
2008	658	5,67%
2009	750	6,46%
2010	774	6,67%
2011	880	7,58%
2012	863	7,44%
2013	1 037	8,94%
2014	1 004	8,65%
2015	938	8,08%
2016	766	6,60%
2017	523	4,51%
2018	239	2,06%
2019	56	0,48%
2020	6	0,05%
Total	11 604	100,00%

8. Patents valid as of 31.12.2021 broken down according to the International Patent Classification (IPC)

Table 8

Section of the IPC	Valid patents	
	number	percentage
1. Section A Human necessities	4 025	34,69%
2. Section B Performing operations; transporting	983	8,47%
3. Section C Chemistry; metallurgy	4 249	36,62%
4. Section D Textiles; paper	61	0,53%
5. Section E Fixed constructions	498	4,29%
6. Section F Mechanical engineering; lighting; heating; weapons; blasting	433	3,73%
7. Section G Physics	482	4,15%
8. Section H Electricity	873	7,52%
Total	11 604	100,00%

9. Patents valid as of 31.12.2021 broken down according to the applicant's country of residence

Table 9

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

AT	181	1,56%
AU	55	0,47%
BB	1	0,01%
BE	443	3,82%
BG	3	0,03%
BM	16	0,14%
BR	2	0,02%
BS	9	0,08%
CA	80	0,69%
CH	784	6,76%
CL	3	0,03%
CN	126	1,09%
CW	14	0,12%
CY	17	0,15%
CZ	24	0,21%
DE	1 368	11,79%
DK	248	2,14%
EE	26	0,22%
ES	189	1,63%
FI	465	4,01%
FO	3	0,03%
FR	609	5,25%
GB	580	5,00%
GI	1	0,01%
GR	26	0,22%
HK	8	0,07%
HR	1	0,01%
HU	41	0,35%
IE	138	1,19%
IL	71	0,61%
IN	69	0,59%
IS	5	0,04%
IT	556	4,79%
JP	547	4,71%
KR	176	1,52%
KY	7	0,06%
KZ	1	0,01%
LB	2	0,02%
LI	5	0,04%
LT	3	0,03%
LU	100	0,86%
LV	10	0,09%
MC	1	0,01%
MT	9	0,08%
MU	2	0,02%
MX	24	0,21%
MY	4	0,03%
NL	336	2,90%
NO	113	0,97%
NZ	14	0,12%
OM	1	0,01%
PL	68	0,59%
PT	35	0,30%
QA	1	0,01%
RO	1	0,01%
RS	1	0,01%

RU	26	0,22%
SA	1	0,01%
SE	507	4,37%
SG	34	0,29%
SI	16	0,14%
SK	11	0,09%
TH	1	0,01%
TN	1	0,01%
TR	15	0,13%
TW	22	0,19%
UA	1	0,01%
US	3 309	28,52%
UY	1	0,01%
VG	11	0,09%
VN	3	0,03%
ZA	7	0,06%
Total	11 604	100,00%

IV Valid European patents belonging to the Estonian residents

10. Patents belonging to the Estonian residents valid as of 31.12.2021

Table 10

Year of application	Valid patents	
	number	percentage
2009	1	3,85%
2010	1	3,85%
2011	4	15,38%
2012	1	3,85%
2013	4	15,38%
2014	4	15,38%
2015	5	19,23%
2016	3	11,54%
2017	3	11,54%
Total	26	100,00%

11. Patents belonging to the Estonian residents valid as of 31.12.2021 broken down according to the International Patent Classification (IPC)

Table 11

Section of the IPC	Valid patents	
	number	percentage
1. Section A Human necessities	7	26,92%
2. Section B Performing operations; transporting	8	30,77%
3. Section C Chemistry; metallurgy	3	11,54%
4. Section D Textiles; paper	0	0,00%
5. Section E Fixed constructions	2	7,69%
6. Section F Mechanical engineering; lighting; heating; weapons; blasting	4	15,38%
7. Section G Physics	1	3,85%
8. Section H Electricity	1	3,85%
Total	26	100,00%

12. Patents belonging to the Estonian residents valid as of 31.12.2021 broken down according to counties

Table 12

County	Valid patents	
	number	percentage
Harju maakond	15	57,69%
Ida-Viru maakond	1	3,85%
Saare maakond	2	7,69%
Tartu maakond	5	19,23%
Viljandi maakond	3	11,54%
Total	26	100,00%