

TREND REPORT

Global Top 100 Patent Filers

SEPTEMBER 2024

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Index

Introduction	3
Part I: Search Results and Ranking	4
Part II: Category and Geographic Territories	9
Part III: Key Technologies	11
Conclusion	12

Introduction

This report searches and analyzes the most innovative and representative invention patents, and obtains the top 100 companies with the largest number of active patent families worldwide. This analysis reflects the most creative and competitive enterprises in the world (Data as of September 20, 2024).

Part 1: Search Results and Ranking

This report makes statistical analyses on the active invention patents worldwide. After obtaining the search results, the patent documents were merged in the active families, and finally 10,534,100 active families were obtained. The global top 100 patent filers were counted, and the results are shown in the table below.

The Global Top 100 Patent Filers

Rank	Standardized Current Assignee	Active Families
1	SAMSUNG ELECTRONICS DEVICES CO LTD	88,103
2	HUAWEI TECH CO LTD	47,562
3	STATE GRID CORP OF CHINA	45,665
4	CANON KK	41,194
5	MITSUBISHI ELECTRIC CORP	40,972
6	TOYOTA JIDOSHA KK	38,289
7	CHINA PETROLEUM & CHEM CORP	37,469
8	PANASONIC HOLDINGS CORP	35,878
9	INT BUSINESS MASCH CORP	35,188
10	LG ELECTRONICS INC	30,081
11	TENCENT TECH (SHENZHEN) CO LTD	27,360
12	BOE TECH GRP CO LTD	27,218
13	MICROSOFT TECH LICENSING LLC	25,776
14	QUALCOMM INC	25,498
15	DENSO CORP	25,287

The Global Top 100 Patent Filers

Rank	Standardized Current Assignee	Active Families
16	HYUNDAI MOTOR CO LTD	24,447
17	HONDA MOTOR CO LTD	23,213
18	TSINGHUA UNIV	22,540
19	ZHEJIANG UNIV	21,999
20	LG DISPLAY CO LTD	21,966
21	ROBERT BOSCH GMBH	21,035
22	GREE ELECTRIC APPLIANCE INC OF ZHUHAI	20,990
23	SEIKO EPSON CORP	19,557
24	TAIWAN SEMICON MFG CO LTD	18,944
25	NEC CORP	18,841
26	KK TOSHIBA	18,819
27	APPLE INC	18,801
28	GUANGDONG OPPO MOBILE TELECOMM CORP LTD	18,676
29	INTEL CORP	18,401
30	RICOH KK	18,225
31	FUJIFILM CORP	17,992
32	ZTE CORP	17,685
33	SONY GRP CORP	16,009
34	SHARP KK	16,007
35	BROTHER KOGYO KK	15,868
36	FORD GLOBAL TECH LLC	15,728
37	GOOGLE LLC	15,576
38	NIPPON STEEL CORP	15,539
39	NIPPON TELEGRAPH & TELEPHONE CORP	15,210
40	TELEFON AB LM ERICSSON (PUBL)	15,198
41	SOUTHEAST UNIV	15,195
42	FUJITSU LTD	14,991
43	HARBIN INST OF TECH	14,067
44	LG CHEM LTD	13,751
45	SOUTH CHINA UNIV OF TECH	13,702
46	HUAZHONG UNIV OF SCI & TECH	13,397
47	XI AN JIAOTONG UNIV	13,054
48	KIA CORP	12,946
49	PETROCHINA CO LTD	12,903
50	HITACHI LTD	12,736

The Global Top 100 Patent Filers

Rank	Standardized Current Assignee	Active Families
51	AMAZON TECH INC	12,583
52	KONICA MINOLTA INC	12,480
53	VIVO MOBILE COMM CO LTD	12,398
54	BEIHANG UNIV	12,213
55	SANKYO CO LTD	12,212
56	DAI NIPPON PRINTING CO LTD	12,018
57	MURATA MFG CO LTD	11,935
58	HAIER SMART HOME CO LTD	11,926
59	JFE STEEL CORP	11,897
60	FUJIFILM BUSINESS INNOVATION CORP	11,826
61	THE BOEING CO	11,704
62	MIDEA GRP CO LTD	11,671
63	GENERAL ELECTRIC CO	11,560
64	SHANDONG UNIV	11,551
65	NISSAN MOTOR CO LTD	11,530
66	SHANGHAI JIAOTONG UNIV	11,401
67	CENT SOUTH UNIV	11,313
68	CHINA MOBILE COMM GRP CO LTD	11,270
69	POHANG IRON & STEEL CO LTD	11,040
70	LENOVO (BEIJING) LTD	10,951
71	GM GLOBAL TECH OPERATIONS LLC	10,920
72	XIDIAN UNIV	10,667
73	UNIV OF ELECTRONICS SCI & TECH OF CHINA	10,492
74	CISCO TECH INC	10,431
75	LG ENERGY SOLUTION LTD	10,212
76	ZHEJIANG UNIV OF TECH	10,164
77	KYOCERA CORP	10,139
78	TIANJIN UNIV	10,122
79	TEXAS INSTR INC	9,932
80	SK HYNIX INC	9,920
81	NANJING UNIV OF AERONAUTICS & ASTRONAUTICS	9,893
82	BEIJING INST OF TECH	9,864
83	MICRON TECH INC	9,834
84	KAO CORP	9,761
85	SANYO BUSSAN KK	9,433

The Global Top 100 Patent Filers

Rank	Standardized Current Assignee	Active Families
86	BEIJING BAIDU NETCOM SCI & TECH CO LTD	9,409
87	HEWLETT PACKARD DEV CO LP	9,408
88	KONINKLIJKE PHILIPS NV	9,179
89	EMC IP HLDG CO LLC	9,074
90	JIANGNAN UNIV	8,910
91	DALIAN UNIV OF TECH	8,906
92	JILIN UNIV	8,796
93	SUMITOMO ELECTRIC IND LTD	8,691
94	NAT UNIV OF DEFENSE TECH	8,681
95	BEIJING XIAOMI MOBILE SOFTWARE CO LTD	8,672
96	IND TECH RES INST	8,614
97	SEMICON MFG INT (SHANGHAI) CORP	8,344
98	SICHUAN UNIV	8,276
99	INSPUR SUZHOU INTELLIGENT TECH CO LTD	8,272
100	YAZAKI COR	8,236

The number of active families held by the global top 100 patent filers reached 1,694,279 (as shown in [Figure 1](#)). Among millions of company applicants, the global top 100 patent filers hold 13.86% of the total number of active families in the world, reflecting the great innovation ability and market competitiveness of these companies.

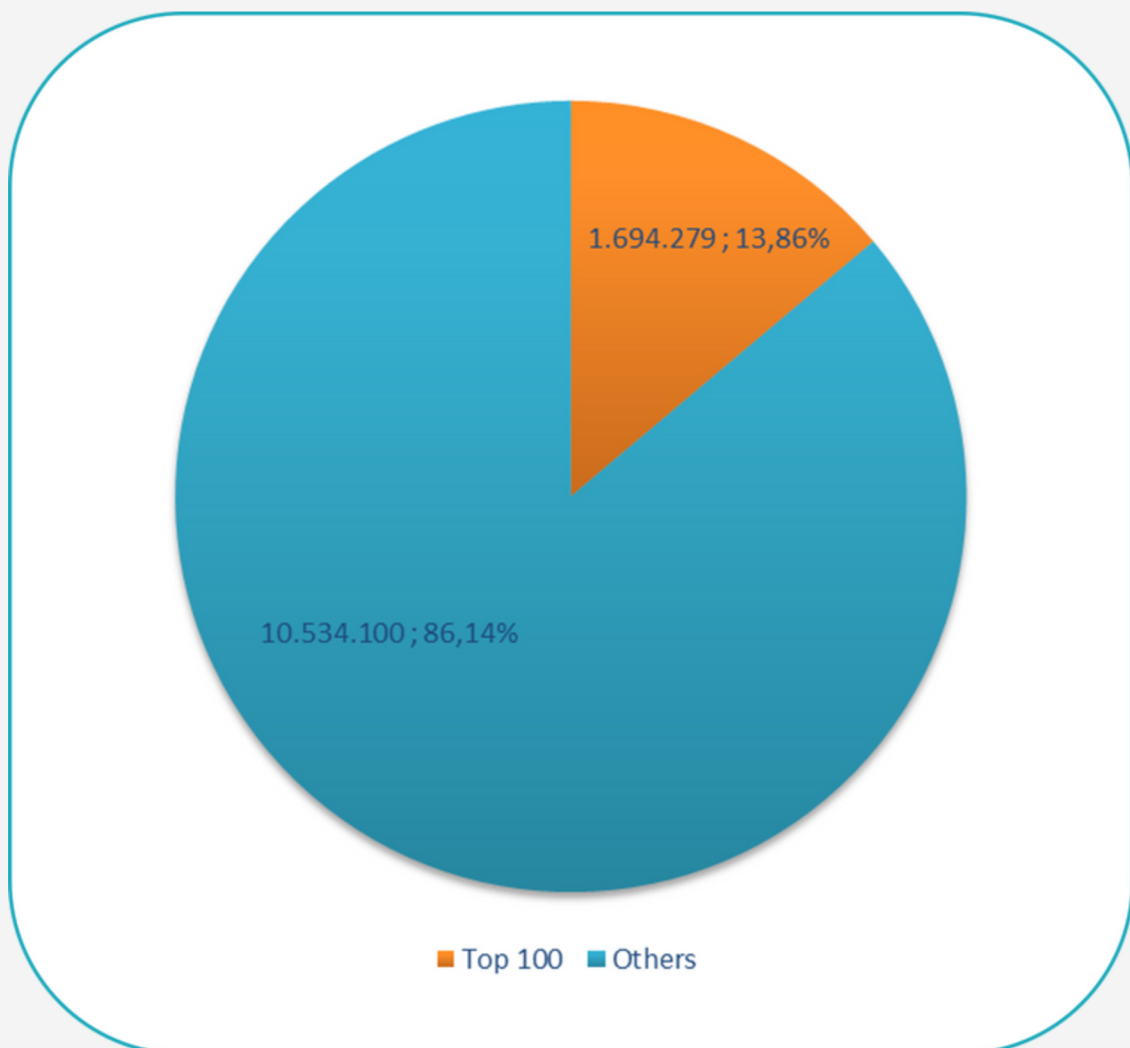


Figure 1 Total number of active families hold in the top 100

Part 2: Category and Geographic Territories

Among the global top 100 patent filers, 78 are companies and 22 are universities (as shown in [Figure 2](#)). It is worth noting that these universities are all from China.

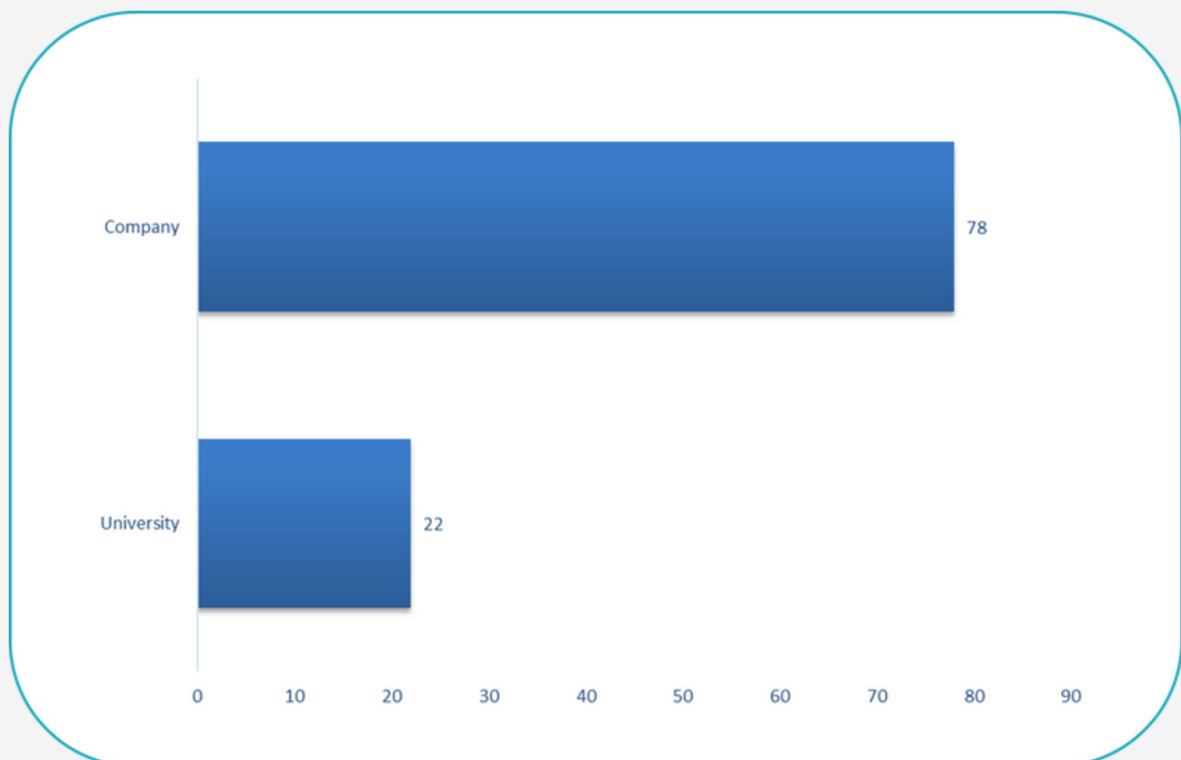


Figure 2 Category

Analyzing these patent filers, there are 42 from China, followed by Japan, and then the United States and Korea (as shown in [Figure 3](#)). At the same time, China has the highest number of active families applied for by the top 100 applicants, followed by Japan (as shown in [Figure 4](#)).

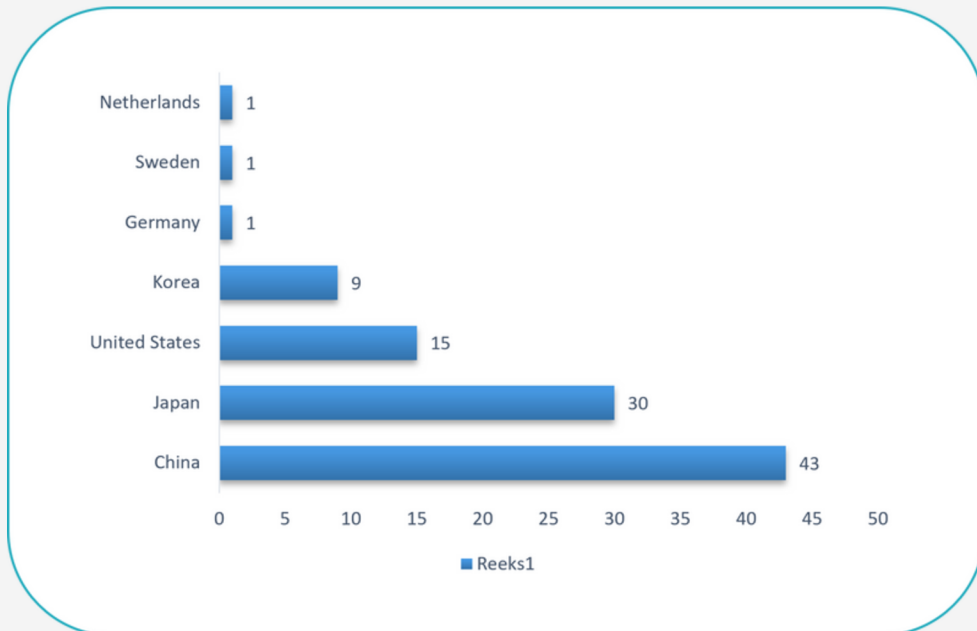


Figure 3 Geographic Territories

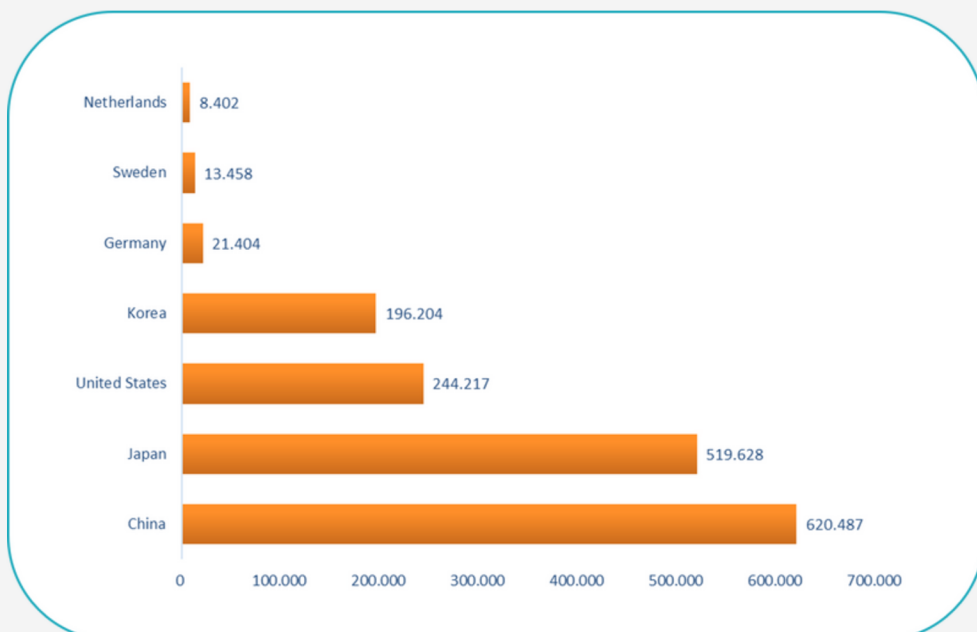


Figure 4 Countries of origin

Part 3: Key Technologies

Analyzing the main technical fields of the patents applied for by the global top 100 patent filers, IPC classification number related to communication technology, information and data processing involves the most patents (as shown in [Figure 5](#)).

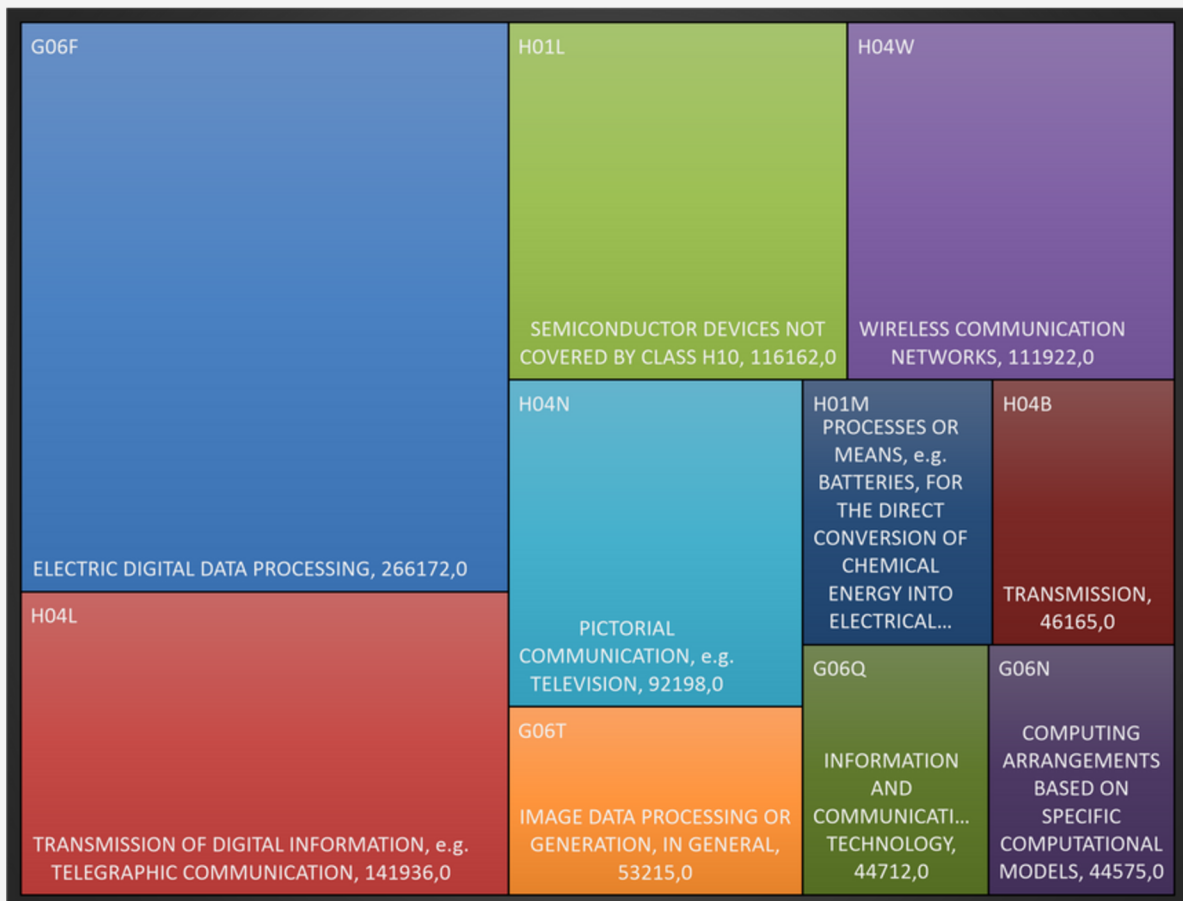


Figure 5 The top 10 IPC classification numbers

Conclusion

At present, the global top 100 patent filers are almost all from China, Japan, the United States, Korea and Europe.

Note: All numbers used and statements made in this report are indicative and for information purposes only. No warranty or liability is given nor accepted for anything published in this report.

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