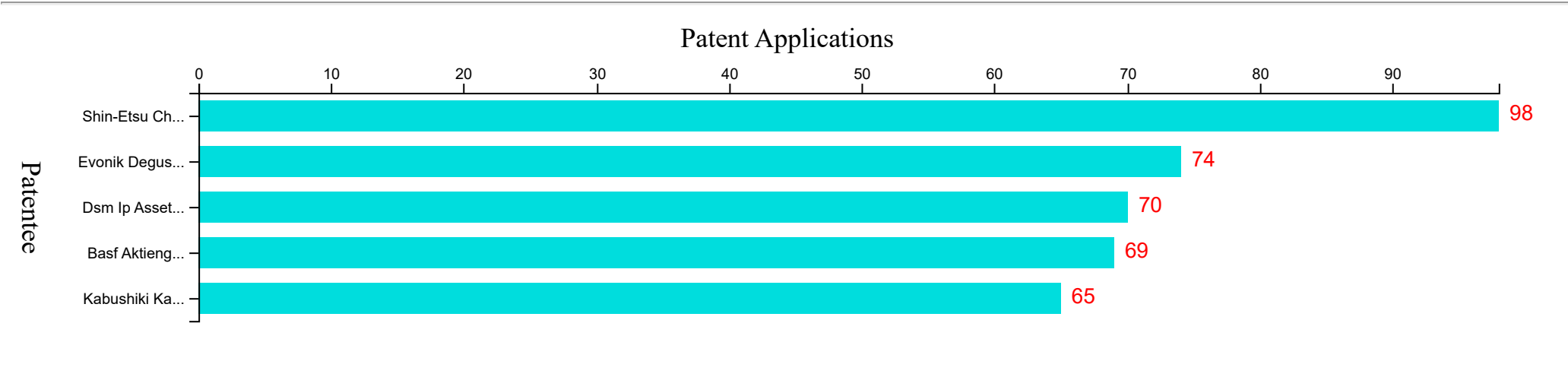


Patent Amount Patent Amount by Patentee

Patent Database : ALL

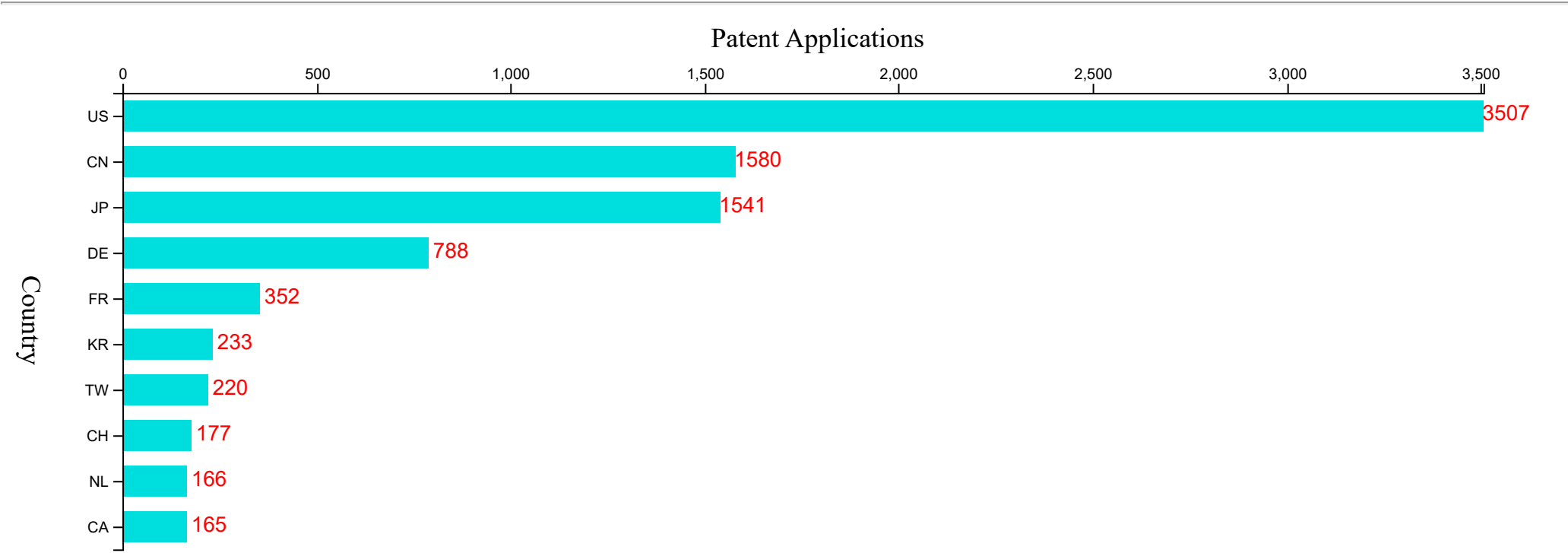
Data : Issue Date/Publication Date

Select years from : 1976~2026



Patentee	Patent application Average 75.20	Proportion of patent applications
Total	376	100%
Shin-Etsu Chemical Co Ltd	98	26.06%
Evonik Degussa Gmbh	74	19.68%
Dsm Ip Assets B V	70	18.62%
Basf Aktiengesellschaft	69	18.35%
Kabushiki Kaisha Toshiba	65	17.29%

Patent Amount Patent Amount by Patentee Country
Patent Database : ALL
Data : Issue Date/Publication Date
Select years from : 1976~2026



Country	Patent applications Average 872.90	Patentee Average 1003.30	Patent Applications/Patentee Average: 1.16
US	3507	3964	1.13
CN	1580	1837	1.16
JP	1541	1763	1.14
DE	788	897	1.14
FR	352	468	1.33
KR	233	313	1.34

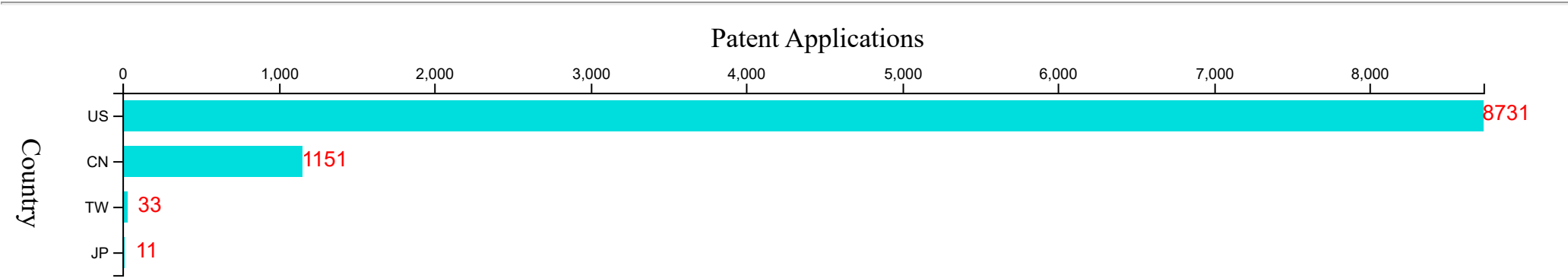
TW	220	237	1.08
CH	177	194	1.10
NL	166	174	1.05
CA	165	186	1.13

Patent Amount Patent Amount by Country

Patent Database : ALL

Data : Issue Date/Publication Date

Select years from : 1976~2026



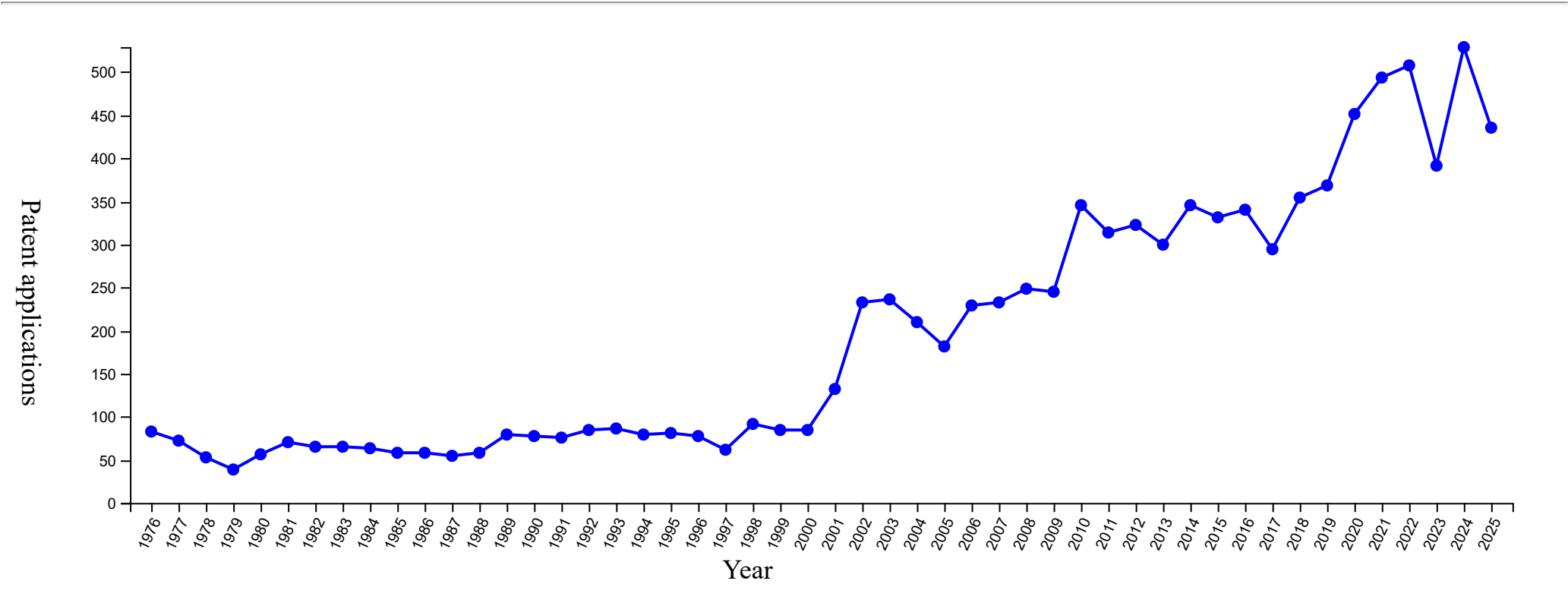
Country	Patent applications Average 2481.50	Patentee Average 2318.25	Patent Applications/Patentee Average: 1.03
US	8731	7963	0.91
CN	1151	1265	1.10
TW	33	33	1.00
JP	11	12	1.09

Years Patent Amount by Year

Patent Database : ALL

Data : Issue Date/Publication Date

Select years from : 1976~2025



Year	Patent applications	Proportion of patent applications
Total	9835	100.00 %
2025	436	4.00 %
2024	529	5.00 %
2023	392	4.00 %
2022	508	5.00 %
2021	493	5.00 %
2020	451	5.00 %

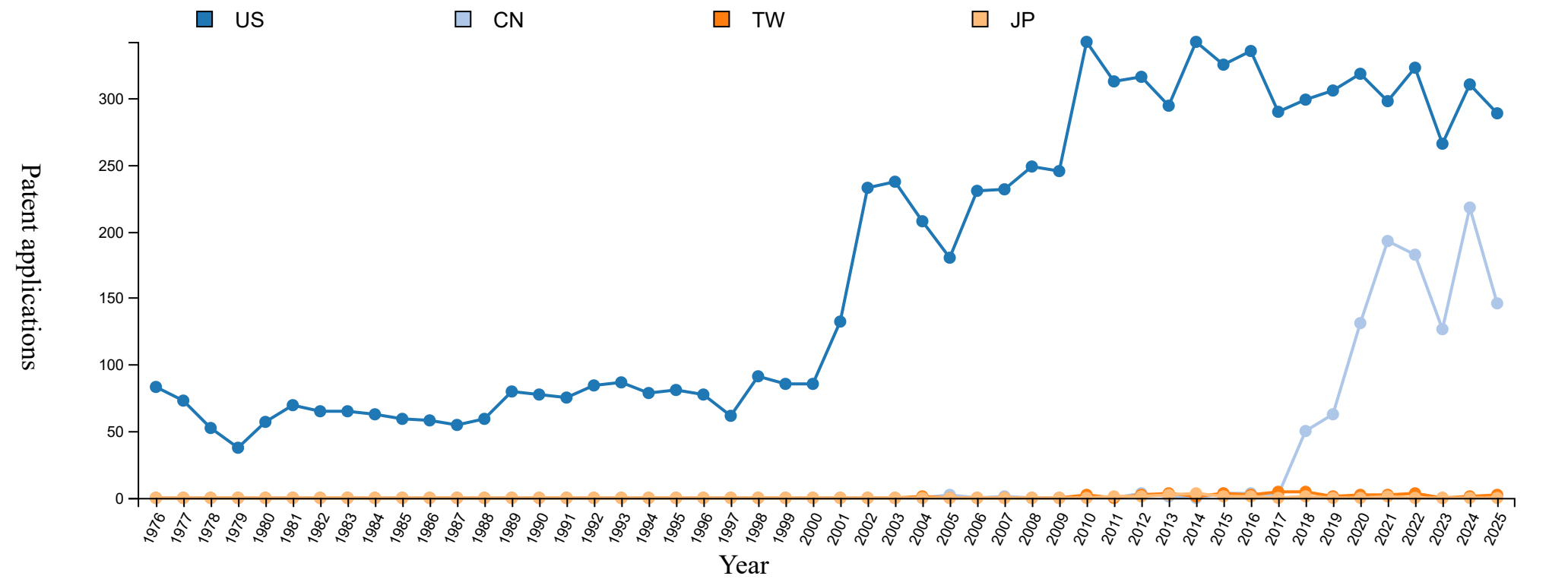
Year	Patent applications	Proportion of patent applications
2019	369	4.00 %
2018	354	4.00 %
2017	295	3.00 %

Years

Patent Database : ALL

Data : Issue Date/Publication Date

Select years from : 1976~2025



Year	US	CN	TW	JP	Total
Total	8666	1125	33	11	9835
2025	288	146	2	0	436
2024	310	218	1	0	529
2023	266	126	0	0	392
2022	323	182	3	0	508
2021	297	193	2	1	493

Year	US	CN	TW	JP	Total
2020	318	131	2	0	451
2019	305	63	1	0	369
2018	299	50	4	1	354
2017	289	2	4	0	295