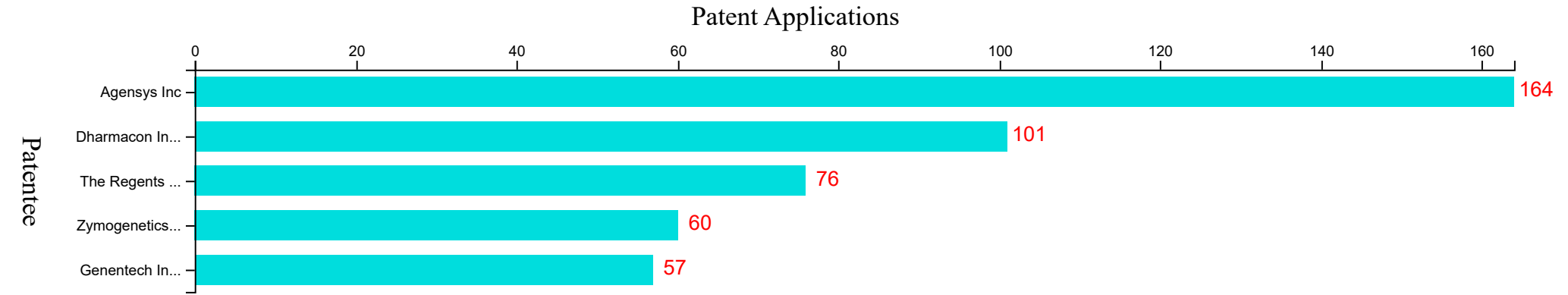


Patent Amount Patent Amount by Patentee

Patent Database : ALL

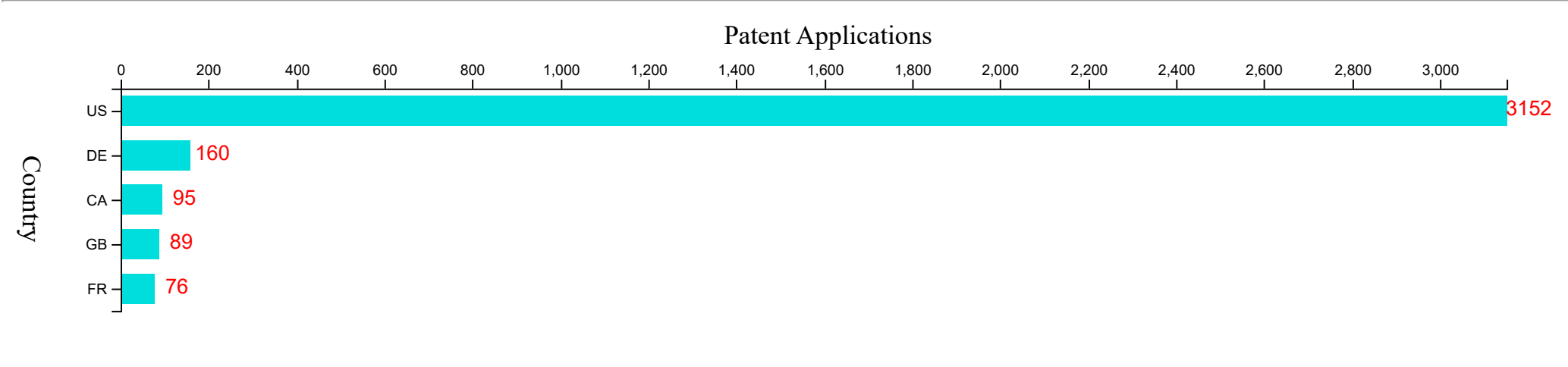
Data : Issue Date/Publication Date

Select years from : 1984~2023



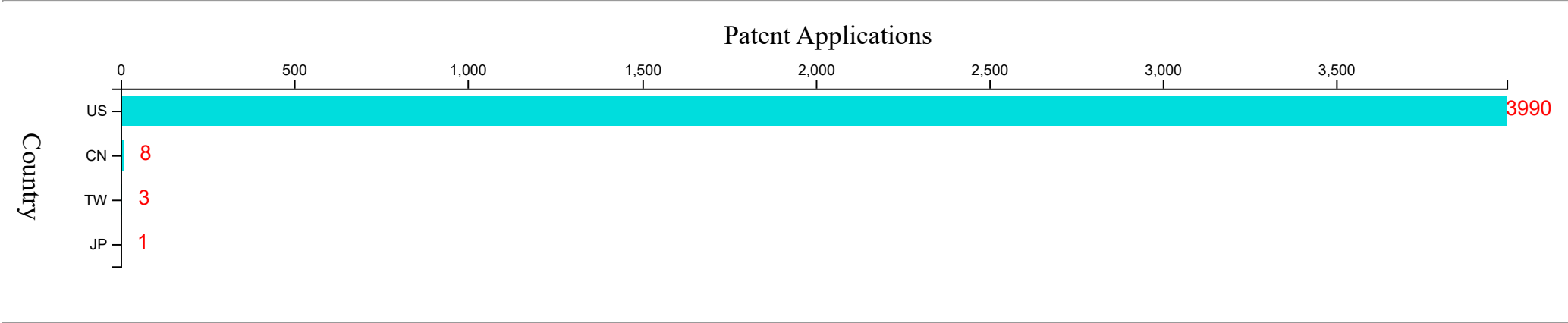
Patentee	Patent application Average 91.60	Proportion of patent applications
Total	458	100%
Agensys Inc	164	35.81%
Dharmacon Inc	101	22.05%
The Regents Of The University Of California	76	16.59%
Zymogenetics Inc	60	13.1%
Genentech Inc	57	12.45%

Patent Amount Patent Amount by Patentee Country
Patent Database : ALL
Data : Issue Date/Publication Date
Select years from : 1984~2023



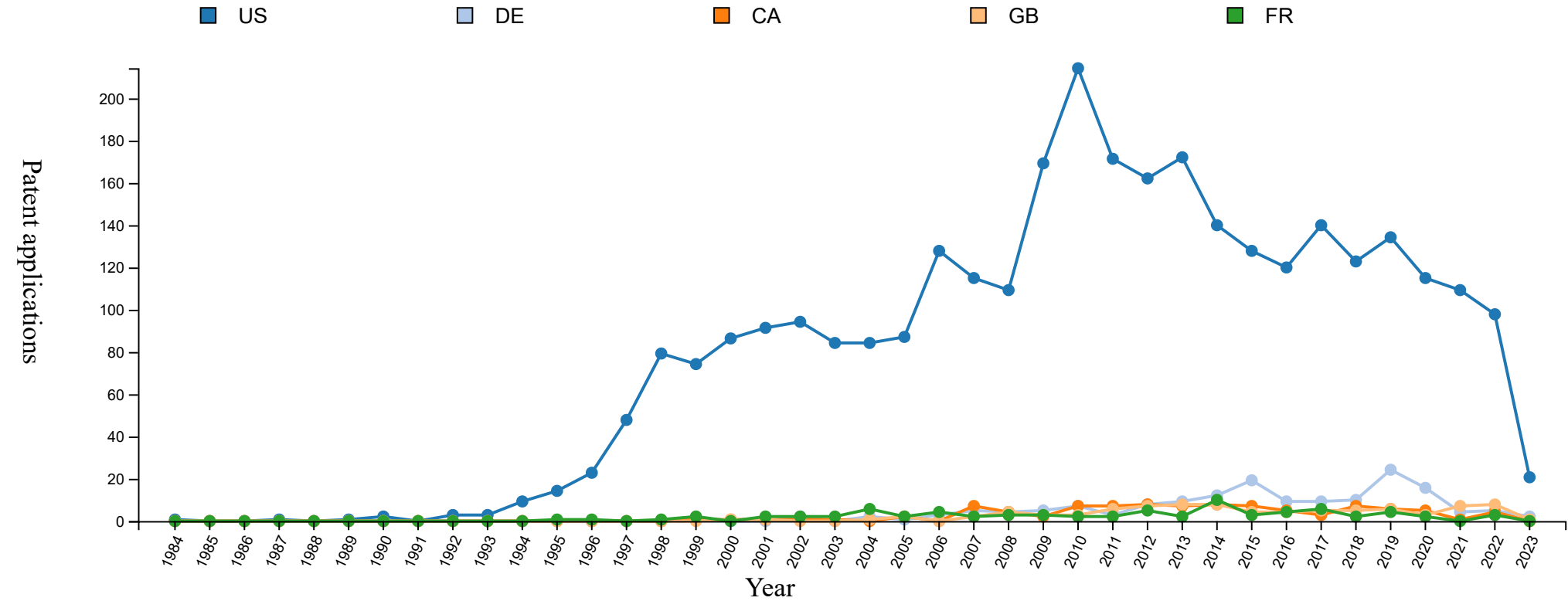
Country	Patent applications Average 714.40	Patentee Average 802.00	Patent Applications/Patentee Average: 1.22
US	3152	3503	1.11
DE	160	171	1.07
CA	95	114	1.20
GB	89	117	1.32
FR	76	105	1.38

Patent Amount Patent Amount by Country
Patent Database : ALL
Data : Issue Date/Publication Date
Select years from : 1984~2023



Country	Patent applications Average 1000.50	Patentee Average 1074.00	Patent Applications/Patentee Average: 1.06
US	3990	4286	1.07
CN	8	4	0.50
TW	3	5	1.67
JP	1	1	1.00

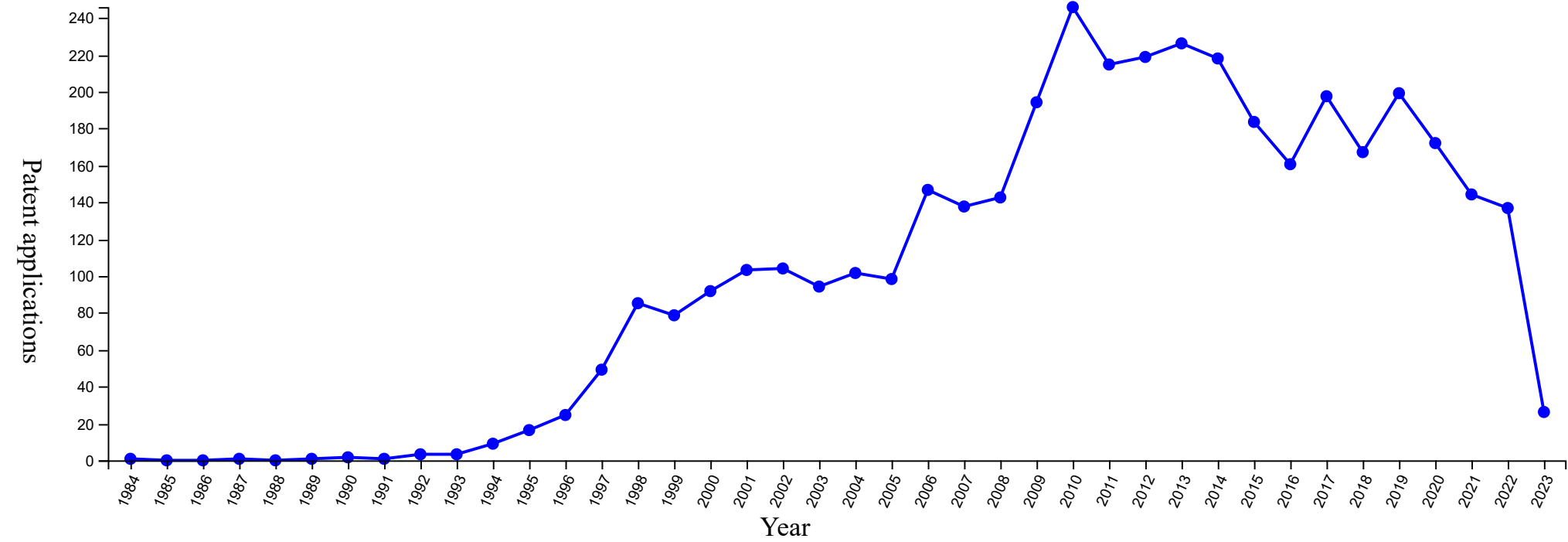
Years Country's Patent Amount by Year
Patent Database : ALL
Data : Issue Date/Publication Date
Select years from : 1984~2023



Year	US	DE	CA	GB	FR	Total
Total	3152	160	95	89	76	3572
2023	21	2	0	1	0	24
2022	98	5	4	8	3	118
2021	109	4	1	7	0	121
2020	115	16	5	3	2	141
2019	134	24	6	6	4	174

Year	US	DE	CA	GB	FR	Total
2018	123	10	7	5	2	147
2017	140	9	3	5	6	163
2016	120	9	5	4	4	142
2015	128	19	7	4	3	161

Years Patent Amount by Year
Patent Database : ALL
Data : Issue Date/Publication Date
Select years from : 1984~2023



Year	Patent applications	Proportion of patent applications
Total	4002	100.00 %
2023	26	1.00 %
2022	137	3.00 %
2021	144	4.00 %
2020	172	4.00 %
2019	199	5.00 %
2018	167	4.00 %
2017	198	5.00 %

Year	Patent applications	Proportion of patent applications
2016	161	4.00 %
2015	184	5.00 %