

Appendix table 6-51

USPTO patents granted in medical equipment technology, by region/country/economy: Selected years, 1997–2012

Region/country/economy	1997	1999	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
World	5,374	6,994	6,840	7,412	6,064	4,913	5,219	4,582	4,022	4,691	7,424	8,451	10,360
North America	4,087	5,249	4,958	5,307	4,300	3,537	3,673	3,167	2,794	3,292	5,319	6,175	7,174
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Canada	100	108	128	149	119	90	88	64	74	85	103	129	125
Mexico	3	2	2	2	6	1	4	0	3	1	4	6	3
United States	3,984	5,140	4,828	5,156	4,175	3,446	3,581	3,103	2,717	3,205	5,211	6,039	7,045
Central and South America	20	35	28	37	18	17	11	8	7	18	12	16	28
Argentina	10	15	11	15	9	8	3	4	1	11	2	3	9
Brazil	6	6	7	12	1	5	7	0	4	1	6	6	9
All others	5	15	10	10	8	4	2	4	2	6	4	7	10
Europe	825	1,049	1,172	1,206	1,051	791	812	792	663	791	1,207	1,232	1,772
EU	754	930	1,039	1,065	922	694	707	697	545	672	1,035	1,026	1,537
Austria	17	22	22	28	23	16	17	12	11	18	23	32	30
Belgium	12	14	17	16	11	11	14	13	7	18	12	20	19
Denmark	33	45	33	55	46	30	41	31	30	35	62	76	118
Finland	14	16	18	13	17	14	10	7	3	5	13	9	11
France	137	139	174	170	130	94	83	96	103	92	161	161	211
Germany	271	317	365	365	334	239	255	261	186	270	408	356	620
Hungary	1	0	3	4	0	1	3	3	2	0	4	3	4
Ireland	5	10	10	22	15	28	20	20	8	19	37	49	49
Italy	51	62	69	84	77	52	45	55	36	46	61	58	67
Netherlands	40	48	49	31	37	24	29	31	20	26	41	37	64
Spain	6	13	10	14	12	5	6	14	2	4	8	12	15
Sweden	43	78	115	99	66	56	67	42	41	46	46	70	82
United Kingdom	119	159	147	163	144	117	114	108	87	91	145	134	234
All others	6	9	7	2	10	6	4	5	8	2	15	10	14
Other Europe	71	119	133	141	129	97	105	95	118	119	172	206	235
Norway	6	2	10	9	12	5	6	7	3	2	13	12	11
Russia	0	0	15	13	5	9	8	9	7	10	8	13	17
Former Soviet Union	5	12	0	0	0	0	0	0	0	0	0	0	0
Switzerland	56	85	99	105	104	76	82	70	98	94	138	165	193
All others	4	20	9	14	8	7	9	9	10	13	13	16	14
Asia	365	529	530	652	526	423	543	482	455	434	661	749	1,103
China	4	9	7	19	18	16	22	21	19	18	32	56	105
India	0	5	2	5	2	3	7	3	6	4	3	8	16
Japan	301	418	408	463	343	271	335	316	319	315	490	522	713
Malaysia	1	0	1	5	1	2	2	0	1	0	2	0	2
Singapore	2	2	4	5	5	1	7	2	5	9	11	9	35
South Korea	12	18	27	61	36	34	47	39	25	29	44	57	73
Taiwan	44	74	81	92	120	95	122	99	79	58	78	93	153
All others	1	3	0	2	1	1	1	2	1	1	1	4	6
Middle East	50	75	90	115	92	72	81	66	59	84	133	151	170

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Region/country/economy	1997	1999	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Israel	47	72	85	111	89	71	78	66	57	83	132	143	163
All others	3	3	5	4	3	1	3	0	2	0	1	8	7
Africa	2	7	7	8	4	6	11	3	3	6	7	10	12
South Africa	2	7	6	6	4	5	8	3	2	4	6	8	10
All others	0	1	1	2	0	1	3	0	1	2	1	2	2
Australia/Oceania	26	50	55	87	72	68	87	63	42	65	85	117	102
Australia	26	45	50	74	58	58	72	56	39	57	74	108	83
New Zealand	0	5	5	13	15	10	15	7	3	8	10	9	19
All others	0	0	1	0	0	0	0	0	0	0	1	0	0

EU = European Union; USPTO = U.S. Patent and Trademark Office.

NOTES: Technologies are classified by The Patent Board™. Patents are fractionally allocated among regions/countries/economies based on the proportion of residences of all named inventors. The EU includes 27 member countries. China includes Hong Kong. Detail may not add to total because of rounding or minor discrepancies. See appendix table 6-41 for a full list of countries by region/country/economy.

SOURCE: The Patent Board™, special tabulations (2013) of the Proprietary Patent Database.

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