

Appendix table 6-50

USPTO patents granted in medical electronics 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	1,418	1,733	2,370	2,575	2,165	2,026	2,473	2,439	2,240	2,565	3,489	3,534	4,195
North America	963	1,239	1,602	1,667	1,404	1,315	1,560	1,577	1,323	1,615	2,268	2,403	2,809
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Canada	18	24	47	43	32	30	28	38	32	29	54	54	58
Mexico	1	0	1	0	1	3	1	2	0	0	1	1	1
United States	944	1,215	1,554	1,623	1,371	1,282	1,531	1,537	1,291	1,586	2,213	2,348	2,750
Central and South America	0	1	1	4	4	4	4	3	2	4	4	8	7
Argentina	0	0	0	1	0	1	1	1	1	1	2	5	3
Brazil	0	1	1	0	1	0	0	2	0	1	1	3	3
All others	0	1	0	3	3	2	2	0	1	2	2	1	0
Europe	259	277	428	449	369	352	395	409	414	470	585	529	640
EU	243	261	395	413	339	327	374	384	385	439	546	491	579
Austria	2	3	1	8	6	6	7	3	7	10	8	12	23
Belgium	9	10	7	6	4	6	14	9	9	12	12	9	14
Denmark	3	2	7	8	4	4	5	7	6	6	4	4	7
Finland	10	6	19	29	24	18	19	25	20	17	34	28	22
France	31	35	48	53	41	39	51	33	44	37	51	41	40
Germany	89	111	154	159	144	137	153	187	207	240	285	234	277
Hungary	2	2	2	2	0	2	1	0	1	0	1	2	0
Ireland	1	1	1	2	3	2	2	1	1	0	3	3	2
Italy	11	5	15	23	14	9	13	14	13	19	24	24	19
Netherlands	19	42	45	42	29	25	38	34	32	35	49	37	57
Spain	2	0	1	0	2	2	1	5	4	3	2	1	8
Sweden	35	21	43	40	39	37	37	38	23	20	27	35	47
United Kingdom	29	20	50	36	30	37	32	24	18	40	43	51	51
All others	1	2	4	6	1	3	2	3	0	1	3	10	11
Other Europe	16	16	33	36	30	25	21	25	29	31	39	38	61
Norway	5	2	9	15	8	3	7	9	6	10	15	11	19
Switzerland	8	10	15	12	14	13	9	10	11	15	17	18	25
Russia	0	0	8	3	4	6	3	4	8	3	2	6	12
Former Soviet Union	2	2	0	0	0	0	0	0	0	0	0	0	0
All others	1	2	1	6	4	3	2	2	4	3	5	3	5
Asia	170	178	245	355	305	290	425	372	416	361	501	438	589
China	2	4	1	2	4	6	5	6	11	20	33	37	45
India	0	1	2	3	4	2	7	6	5	9	6	2	9
Japan	161	156	216	312	265	242	383	331	358	297	408	327	423
Malaysia	0	0	0	1	1	0	1	0	1	0	0	1	2
Singapore	0	0	1	2	1	1	1	0	4	4	3	6	7
South Korea	4	8	17	22	19	16	12	18	23	20	36	41	68
Taiwan	3	9	7	13	11	23	16	10	14	10	14	24	35
All others	0	0	1	0	0	0	0	1	0	1	1	0	0
Middle East	15	25	82	81	67	54	70	58	63	94	100	111	114

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Region/country/economy	1997	1999	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Israel	15	25	82	81	67	54	70	57	61	93	98	108	109
All others	0	0	1	0	0	0	1	1	1	2	2	3	5
Africa	1	0	1	4	1	2	0	1	1	1	0	2	5
South Africa	1	0	1	1	0	1	0	0	0	1	0	1	3
All others	0	0	0	3	1	1	0	1	1	0	0	1	2
Australia/Oceania	9	15	11	16	15	9	20	19	21	21	33	42	30
Australia	8	14	11	15	14	9	19	19	20	21	33	40	27
New Zealand	1	0	0	1	1	0	1	0	1	0	1	1	3
All others	0	0	0	0	0	0	0	0	0	0	0	1	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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