

Appendix table 6-65

**USPTO patents granted in hybrid and electric vehicle 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	189	271	319	388	363	371	433	396	384	410	543	605	896
North America	73	81	107	137	114	127	160	154	138	147	225	223	355
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Canada	3	4	6	12	4	7	6	7	3	3	8	6	8
Mexico	0	0	1	0	0	0	0	0	0	0	0	0	0
United States	70	77	100	125	109	120	153	146	135	144	216	216	348
Central and South America	0	1	0	0	1	0	0	0	0	0	0	0	0
Argentina	0	0	0	0	0	0	0	0	0	0	0	0	0
Brazil	0	1	0	0	1	0	0	0	0	0	0	0	0
All others	0	0	0	0	0	0	0	0	0	0	0	0	0
Europe	29	32	51	50	55	49	43	47	55	46	68	59	117
EU	26	26	45	50	51	48	40	45	52	45	67	56	114
Austria	0	1	0	0	1	1	0	0	1	1	3	1	6
Belgium	0	0	0	0	0	1	0	0	0	0	0	0	0
Denmark	0	0	0	0	0	0	0	0	0	0	0	0	0
Finland	0	0	0	0	0	0	0	1	0	0	0	0	0
France	1	2	6	3	6	6	3	7	6	5	12	10	18
Germany	18	19	31	36	32	28	28	29	40	31	43	38	75
Hungary	0	0	0	0	0	0	0	0	0	0	0	0	0
Ireland	0	0	0	0	0	1	0	0	0	0	0	0	0
Italy	1	3	5	1	1	1	3	1	0	1	3	1	6
Netherlands	0	0	0	2	0	0	1	1	2	2	1	1	0
Spain	0	0	0	3	0	1	1	2	0	2	0	2	0
Sweden	2	0	1	4	7	7	1	2	2	1	5	1	4
United Kingdom	4	1	2	2	4	2	3	2	2	2	1	1	5
All others	0	0	0	0	0	0	0	0	0	0	1	1	1
Other Europe	3	6	6	0	4	1	3	2	3	1	1	3	3
Norway	0	0	0	0	0	0	0	0	0	0	0	0	1
Russia	0	0	1	0	0	0	0	0	1	0	0	0	0
Former Soviet Union	0	0	0	0	0	0	0	0	0	0	0	0	0
Switzerland	3	6	5	0	4	1	3	2	2	1	1	3	2
All others	0	0	0	0	0	0	0	0	0	0	0	0	0
Asia	87	157	159	198	192	194	229	194	189	217	249	316	423
China	0	0	0	0	0	0	2	1	2	2	4	4	16
India	0	0	0	0	0	0	0	1	0	0	1	0	4
Japan	82	154	153	190	179	183	217	181	172	186	209	281	342
Malaysia	0	0	1	0	0	0	0	0	0	0	0	0	0
Singapore	0	0	0	0	0	1	0	0	0	0	0	0	0
South Korea	4	2	3	1	6	8	5	8	11	19	26	28	51
Taiwan	1	1	2	7	7	2	6	3	4	10	9	3	10
All others	0	0	0	0	0	0	0	0	0	0	0	0	0
Middle East	0	1	0	0	1	1	0	0	1	0	1	4	1

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Region/country/economy	1997	1999	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Israel	0	0	0	0	1	0	0	0	1	0	1	4	1
All others	0	1	0	0	0	1	0	0	0	0	0	0	0
Africa	0	0	0	0	0	0	0	0	0	0	0	0	0
South Africa	0	0	0	0	0	0	0	0	0	0	0	0	0
All others	0	0	0	0	0	0	0	0	0	0	0	0	0
Australia/Oceania	0	0	2	3	1	0	1	1	1	0	1	3	0
Australia	0	0	2	2	1	0	1	1	0	0	1	3	0
New Zealand	0	0	0	1	1	0	0	0	1	0	0	0	0
All others	0	0	0	0	0	0	0	0	0	0	0	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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