

Appendix table 6-66

USPTO patents granted in wind energy 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	29	29	59	69	97	137	152	173	197	221	362	614	856
North America	18	20	33	31	47	64	82	82	99	89	170	276	352
Bermuda	0	0	0	0	0	0	0	0	1	0	0	0	0
Canada	2	3	0	1	7	6	7	2	8	7	11	11	14
Mexico	0	0	0	0	0	0	0	0	0	0	1	0	0
United States	16	17	33	30	40	58	75	80	91	82	158	265	338
Central and South America	0	1	0	0	1	0	2	0	0	0	0	2	2
Argentina	0	0	0	0	0	0	0	0	0	0	0	0	1
Brazil	0	0	0	0	0	0	0	0	0	0	0	1	1
All others	0	1	0	0	1	0	2	0	0	0	0	1	0
Europe	4	4	18	29	37	58	43	70	66	103	143	244	349
EU	4	4	17	29	36	57	42	67	63	102	141	239	341
Austria	1	0	0	0	0	0	1	0	0	1	2	2	5
Belgium	0	0	1	1	0	1	2	2	1	2	2	1	3
Denmark	0	0	2	8	8	10	4	10	8	12	36	81	117
Finland	0	1	2	0	0	0	0	1	0	0	1	0	4
France	0	0	3	1	1	6	2	2	0	0	1	2	7
Germany	1	1	4	10	20	30	29	39	42	66	72	93	123
Hungary	0	0	0	0	0	0	0	0	0	0	0	0	0
Ireland	0	0	0	0	0	0	0	0	1	0	0	0	0
Italy	0	0	0	0	0	1	0	1	3	3	2	4	9
Netherlands	1	0	1	2	2	1	0	3	3	3	6	15	26
Spain	0	0	0	2	3	2	0	2	2	8	13	19	23
Sweden	1	1	2	4	0	2	2	1	1	1	0	2	5
United Kingdom	0	1	2	1	2	4	2	6	4	6	4	19	18
All others	0	0	0	0	0	0	0	0	0	0	4	1	3
Other Europe	0	0	1	0	1	1	1	3	3	1	2	5	8
Norway	0	0	0	0	0	1	1	2	1	0	1	1	4
Russia	0	0	0	0	0	0	0	1	1	1	0	1	2
Former Soviet Union	0	0	0	0	0	0	0	0	0	0	0	0	0
Switzerland	0	0	0	0	1	0	0	0	1	0	1	3	2
All others	0	0	1	0	0	0	0	0	0	0	0	0	0
Asia	5	4	7	6	9	14	23	20	30	28	41	90	145
China	0	0	0	1	0	1	1	1	2	3	14	9	18
India	0	0	0	0	0	0	0	0	2	1	2	23	13
Japan	3	1	6	3	5	8	16	14	18	12	19	40	81
Malaysia	0	0	0	0	0	0	0	0	0	0	0	0	0
Singapore	0	0	0	0	0	0	0	0	0	1	0	4	11
South Korea	1	1	1	1	1	3	4	0	2	4	3	1	4
Taiwan	0	1	0	1	3	2	1	5	6	7	3	12	18
All others	1	1	0	0	0	0	1	0	0	0	0	1	0
Middle East	2	0	0	2	0	1	2	0	1	1	5	3	5

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

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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