

Appendix table 6-75

USPTO patents granted in recycling 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	330	381	328	295	275	179	178	156	127	134	187	176	192
North America	195	237	182	159	140	90	82	71	65	71	94	98	102
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Canada	13	28	16	11	18	9	13	7	9	2	8	4	8
Mexico	0	0	0	1	0	0	0	1	1	1	2	2	1
United States	182	209	165	147	122	81	69	64	55	68	85	92	94
Central and South America	4	1	1	1	2	0	0	1	0	1	2	6	3
Argentina	2	1	0	1	0	0	0	0	0	0	0	1	0
Brazil	2	0	1	0	0	0	0	0	0	1	2	4	1
All others	0	0	0	0	2	0	0	1	0	0	0	1	2
Europe	79	83	80	59	51	30	34	45	20	30	44	34	42
EU	75	78	74	57	46	27	28	42	18	27	40	33	41
Austria	3	5	4	3	1	4	4	8	1	3	1	2	3
Belgium	2	2	2	2	2	0	4	3	1	2	5	3	1
Denmark	1	3	1	1	0	0	0	1	0	0	1	3	0
Finland	3	4	5	7	4	2	2	2	3	2	2	0	2
France	8	6	9	2	3	3	1	2	0	4	8	3	5
Germany	38	35	33	23	21	8	7	6	4	7	7	12	15
Hungary	0	0	0	1	0	1	0	0	0	0	0	0	0
Ireland	0	0	0	0	0	0	0	0	0	0	1	0	0
Italy	3	7	3	5	6	0	3	4	1	4	8	3	3
Netherlands	5	5	4	0	0	1	3	3	1	0	0	4	1
Spain	1	0	1	1	1	1	0	1	1	0	0	0	1
Sweden	3	4	4	2	1	3	3	4	1	1	1	1	3
United Kingdom	8	8	8	6	5	2	2	8	3	2	3	1	5
All others	0	0	2	4	3	2	0	2	2	2	3	1	3
Other Europe	4	5	6	2	5	3	6	3	2	3	4	1	1
Norway	0	1	1	0	2	0	1	0	0	0	0	1	0
Switzerland	4	4	5	1	3	2	3	0	0	2	3	0	1
Russia	0	0	0	1	0	1	1	2	2	1	1	0	0
Former Soviet Union	0	0	0	0	0	0	0	0	0	0	0	0	0
All others	0	0	0	0	1	0	1	1	0	0	0	0	0
Asia	48	58	62	70	76	56	58	37	33	28	40	36	38
China	2	0	0	2	2	1	3	0	0	1	1	0	3
India	0	0	1	0	2	2	1	2	1	2	1	2	1
Japan	41	47	46	60	59	42	48	28	25	21	33	22	22
Malaysia	0	0	0	0	1	1	0	0	0	0	0	0	0
Singapore	0	0	1	0	1	1	1	3	0	0	1	0	1
South Korea	3	6	13	1	7	5	2	2	3	3	2	6	7
Taiwan	2	5	1	7	5	4	3	2	4	1	2	6	5
All others	0	0	0	0	0	0	0	0	0	0	0	0	0
Middle East	0	0	1	3	2	0	1	0	2	1	4	0	4

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Region/country/economy	1997	1999	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Israel	0	0	1	3	2	0	1	0	2	1	3	0	3
All others	0	0	0	0	0	0	0	0	0	0	1	0	1
Africa	0	0	1	0	2	1	1	0	3	0	1	1	0
South Africa	0	0	1	0	1	1	1	0	3	0	1	1	0
All others	0	0	0	0	1	0	0	0	0	0	0	0	0
Australia/Oceania	5	2	1	2	3	2	1	2	3	2	1	1	3
Australia	5	2	1	2	3	2	0	2	3	2	0	1	3
New Zealand	0	0	0	0	0	0	1	0	0	0	1	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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