

Appendix table 6-73

USPTO patents granted in solid waste control 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	284	263	222	179	164	146	141	103	118	106	131	94	121
North America	176	153	121	88	83	85	82	62	67	75	67	61	81
Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0
Canada	8	8	8	6	9	11	6	6	5	6	6	8	7
Mexico	0	0	0	1	0	0	0	0	0	0	0	0	2
United States	168	145	113	81	74	75	77	57	62	69	60	53	72
Central and South America	0	1	1	1	1	0	0	0	2	0	0	1	1
Argentina	0	0	0	1	0	0	0	0	0	0	0	0	0
Brazil	0	1	0	0	1	0	0	0	1	0	0	1	0
All others	0	0	1	0	0	0	0	0	1	0	0	0	1
Europe	61	66	49	42	38	33	26	23	24	17	33	15	13
EU	57	58	38	40	33	27	24	21	20	15	29	14	12
Austria	2	2	1	2	1	2	0	0	0	0	1	0	0
Belgium	1	0	1	0	1	2	1	0	1	0	0	0	2
Denmark	1	4	4	1	0	2	0	0	0	0	2	1	1
Finland	3	4	3	3	3	1	1	1	0	1	0	0	0
France	10	7	4	7	5	9	5	7	4	3	3	4	0
Germany	28	21	9	14	14	6	9	4	4	6	10	3	3
Hungary	0	0	0	1	0	0	0	0	1	0	1	0	0
Ireland	0	0	0	0	0	0	0	0	1	0	0	0	0
Italy	4	2	2	2	1	2	1	2	0	1	2	1	2
Netherlands	2	2	2	3	2	0	1	1	1	0	1	1	1
Spain	0	0	0	0	1	0	0	0	0	1	1	0	0
Sweden	4	7	5	1	2	2	1	1	2	0	1	0	0
United Kingdom	4	10	6	5	3	1	5	5	4	2	6	4	3
All others	0	1	2	3	1	0	0	0	2	0	1	0	1
Other Europe	4	8	11	2	5	6	2	2	4	2	4	1	1
Norway	1	0	0	0	0	3	0	0	0	0	2	0	0
Russia	0	0	3	2	2	1	1	2	1	1	0	1	1
Former Soviet Union	0	2	0	0	0	0	0	0	0	0	0	0	0
Switzerland	3	6	8	0	2	2	1	0	3	1	2	0	0
All others	0	0	0	0	1	0	0	0	0	0	0	0	0
Asia	40	41	49	43	37	24	28	16	21	11	23	11	19
China	0	0	1	1	1	2	3	1	1	2	1	0	3
India	0	0	0	0	1	1	0	0	1	0	0	1	0
Japan	32	33	38	33	31	17	19	13	14	4	11	5	7
Malaysia	0	0	0	0	0	0	0	0	0	0	0	0	0
Singapore	1	0	0	0	0	0	0	0	0	0	2	0	0
South Korea	2	3	5	3	4	0	4	1	4	2	6	5	6
Taiwan	3	5	5	6	0	4	2	1	1	3	3	0	3
All others	2	0	0	0	0	0	0	0	0	0	0	0	0
Middle East	1	1	1	2	2	1	2	0	1	1	4	1	6

Appendix table 6-73

USPTO patents granted in solid waste control 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
Israel	1	1	1	2	2	1	2	0	1	1	3	0	4
All others	0	0	0	0	0	0	0	0	0	0	1	1	2
Africa	1	0	0	0	0	1	0	0	1	0	2	0	0
South Africa	1	0	0	0	0	1	0	0	1	0	2	0	0
All others	0	0	0	0	0	0	0	0	0	0	0	0	0
Australia/Oceania	6	3	2	3	3	1	3	2	1	2	1	5	1
Australia	6	3	2	3	3	1	3	2	1	2	1	5	1
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.

Science and Engineering Indicators 2014