

# TECHNOLOGY ASSESSMENT AND FORECAST REPORT

## CHEMICAL CLASSES

1/1991 – 12/2010



December 2011  
U.S. PATENT AND TRADEMARK OFFICE  
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*A PATENT TECHNOLOGY MONITORING TEAM REPORT*

# Technology Profile Report - CHEMICAL Classes

## Explanation of Data

This Technology Profile Report profiles the patent activity for U.S. utility patents granted between **1991** and **December 2010** in CHEMICAL technology discipline classes within the U.S. Patent Classification System (USPCS).

The report is generated by identifying appropriate Patent and Trademark Office (PTO) classes, i.e., those entirely or substantially pertinent to the technology discipline of interest. The patents in these classes are then included in the profile. This procedure results, in most cases, in the inclusion of the majority of patents relevant to the technology discipline and few, if any, patents which are not relevant. However, any patent listing provided should not be considered to be inclusive of all relevant patents, nor exclusive of all irrelevant patents.

### Data Distribution By Date of Grant and By Date of Application

#### **Parts A1 and A2**

Part A1 distributes utility patent GRANT data by year of patent grant ("Patents Granted By Date of Patent Grant"). Part A2 distributes patent GRANT data by the year in which the patented application was filed ("Patents Granted By Date of Patent Application"). Parts A1 and A2 each provide patent counts (pages A1-1 and A2-1) and percent distributions (pages A1-2 and A2-2).

Patent data, as shown in the "**Pre 1997**" column, correspond to selected patents in the data base which were granted during the period **1991 to 1996**.

#### **Part B**

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since 1991. Data are presented by the year in which the patent was granted ("Patents By Year of Grant") and the year the patented application was filed ("Patents by Year of Application").

DATA FOR THOSE APPLICATIONS WHICH WERE FILED BUT NEVER ISSUED (ROUGHLY 35% OF TOTAL FILINGS) ARE NOT INCLUDED IN THIS REPORT.

Since the average time period between filing for a utility patent and the issuing of the patent (i.e., the patent's "pendency") is now about **35** months, the patented application data for applications filed in the most recent years are incomplete.\* This is because the patents included in this report are limited to those granted during the specified time period. However, a significant number of the applications filed during the most recent years of this time period were still pending at the end of the period. While many of these applications eventually will be patented, they will not be patented until sometime following the end of the period displayed in this report.

Patented application data are of significant value since the date an application was filed more accurately reflects when the technology was developed. Additionally, fluctuations in data based on application date are much more likely to reflect changes in technological activity since, for the most part, such fluctuations would be immune from changes in U.S. Patent and

Trademark Office (PTO) processing such as occurred in years such as in 1986 and 2005 when the PTO issued fewer patents than would have normally been expected because of administrative reasons. Note that a patent's "pendency" can be quite variable from one patent to another thereby affecting the date of patent grant. Such variation in pendency is determined by many factors, including PTO workload (which varies between technologies), budget and manpower levels, patent printing schedules, etc.

"Patents Granted By Date of Patent Application", as shown in the "**Pre 1997**" column, correspond to utility patent grants in the report that were filed prior to **1997**.

### Parts of the Report

**Parts A1 and A2** present tables which show, by number and percent, the patent activity in all technologies. Part A1 presents data by year of patent grant ("Patents Granted By Date of Patent Grant"). Part A2 redistributes grant data by year of patent application ("Patents Granted By Date of Patent Application"). The location of **patent origin is determined by the residence of the first named inventor at the time of grant**.

**Patent ownership** information reflects ownership at the time of patent grant and does not include subsequent changes in ownership. If more than one assignee was declared at the time of grant, the patent is attributed to the first-named assignee. The U.S. and Foreign Corporation ownership categories count predominantly corporate patents; however, patents assigned to other organizations such as small businesses, nonprofit organizations, universities, etc. are also included in these categories. While U.S. Government patent ownership includes only patents granted to the Federal Government, no similar distinction is made for Foreign Government patents.

Note that for a patent, the country of origin may differ from the country of ownership. Therefore, **the sum of U.S. origin patents does not equal the sum of U.S. ownership category patents**.

**Part B** is a ranked listing of national and international organizations (i.e., corporations, universities, government agencies) that have received 200 or more U.S. utility patents since 1986. Data line 1 for each listed organization distributes counts of patent grants by year of grant. Data line 2 for each organization redistributes those same patent grants by year in which the patented applications were filed. Information regarding patent ownership reflects ownership at the time of patent grant. Although a substantial effort has been made to combine name variations into a single organizational name, many organizations continue to have patents listed under more than one organizational name.

\* For example, in a report profiling utility patents granted through December 2010, patent grant data, as distributed by year of application are approximately 90% complete for utility patent applications filed in 2003, 80% complete for applications filed in 2004, 66% complete for applications filed in 2005, 50% complete for applications filed in 2006, 33% complete for applications filed in 2007, and 17% complete for applications filed in 2008; data are essentially complete for applications filed prior to 2003.

CHEMICAL, ELECTRICAL, MECHANICAL CLASSES

DECEMBER 2010

CHEMICAL	8	23	44	48	51	55	65	71	75	95	96	106	117	127	136	148
	149	156	159	162	196	201	202	203	204	205	208	210	216	252	260	264
	376	419	420	422	423	424	426	427	428	429	430	435	436	438	442	501
	502	503	504	507	508	510	512	514	516	518	520	521	522	523	524	525
	526	527	528	530	532	534	536	540	544	546	548	549	552	554	556	558
	560	562	564	568	570	585	588	800	930	976	977	987				

The following subclasses are also Chemical: 29/2, 25.01-25.03, 623.1-623.5; 118/47, 715-733; 131/274 279; 134/1 42; 505/100-126, 300-512, 725-785, 800-824, 951

ELECTRICAL	174	177	178	191	200	218	219	235	250	257	290	307	310	313	314	315
	318	320	322	323	324	326	327	329	330	331	332	333	334	335	336	337
	338	340	341	342	343	345	346	347	348	349	352	355	356	358	359	360
	361	362	363	365	367	368	369	370	372	373	375	377	378	379	380	381
	382	385	386	388	392	396	398	399	455	505	700	701	702	703	704	705
	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	725
	726	850	902													

The following subclasses are also Electrical: 84/600-746; 204/157.2-157.22; 209/ 127.1-131, 511, 524-528, 536, 563-590; 244/3.1-3.14; 434/1-10, 307R-321, 350-362; 600/310-361, 372-397, 407-436, 473-480, 509-525, 544-548; 604/20-21; 607/2-76, 98-103, 115-156; 968/446-604, 783, 802, 820-830, 837-856, 876-977; 977/720-723, 839, 849-881, 901, 932-960; 984/300-398

MECHANICAL	2	4	5	7	12	14	15	16	19	24	26	27	28	29	30	33
	34	36	37	38	40	42	43	47	49	52	53	54	56	57	59	60
	62	63	66	68	69	70	72	73	74	76	79	81	82	83	84	86
	87	89	91	92	99	100	101	102	104	105	108	109	110	111	112	114
	116	118	119	122	123	124	125	126	128	131	132	134	135	137	138	139
	140	141	142	144	147	150	152	157	160	163	164	165	166	168	169	171
	172	173	175	180	181	182	184	185	186	187	188	190	192	193	194	198
	199	206	209	211	212	213	215	217	220	221	222	223	224	225	226	227
	228	229	231	232	234	236	237	238	239	241	242	244	245	246	248	249
	251	254	256	258	261	266	267	269	270	271	273	276	277	278	279	280
	281	283	285	289	291	292	293	294	295	296	297	298	299	300	301	303
	305	312	351	353	366	374	383	384	400	401	402	403	404	405	406	407
	408	409	410	411	412	413	414	415	416	417	418	425	431	432	433	434
	439	440	441	445	446	449	450	451	452	453	454	460	462	463	464	470
	472	473	474	475	476	477	482	483	492	493	494	600	601	602	604	606
	607	623	901	903	968	984										

The following subclasses are also Mechanical: 8/147-159; 156/349-584; 210/348-540; 346/139R-145; 347/1-109; 352/143-197, 204-243; 359/503-553, 600-617, 838-883; 368/89-106, 124-154, 168-202, 206-216, 276-326; 378/167-209; 385/53-99; 396/341-372, 411-428, 439-543, 564-660; 588/249-250, 252-260; 726/35; 977/724-733, 904-913, 919, 962

TECHNOLOGY ASSESSMENT AND FORECAST PROGRAM TECHNOLOGY DISCIPLINES FOR  
 U.S. PATENT CLASSIFICATION SYSTEM CLASSES AS OF DECEMBER 2010  
CHEMICAL, ELECTRICAL, MECHANICAL

Class	Class	Class	Class	Class	Class	Class	Class	Class	Class	Class
2M	66M	124M	181M	228M	289M	343E	398E	441M	522C	707E
4M	68M	125M	182M	229M	290E	345E	399E	442C	523C	708E
5M	69M	126M	184M	231M	291M	346E*	400M	445M	524C	709E
7M	70M	127C	185M	232M	292M	347E*	401M	446M	525C	710E
8C*	71C	128M	186M	234M	293M	348E	402M	449M	526C	711E
12M	72M	131M*	187M	235E	294M	349E	403M	450M	527C	712E
14M	73M	132M	188M	236M	295M	351M	404M	451M	528C	713E
15M	74M	134M*	190M	237M	296M	352E*	405M	452M	530C	714E
16M	75C	135M	191E	238M	297M	353M	406M	453M	532C	715E
19M	76M	136C	192M	239M	298M	355E	407M	454M	534C	716E
23C	79M	137M	193M	241M	299M	356E	408M	455E	536C	717E
24M	81M	138M	194M	242M	300M	358E	409M	460M	540C	718E
26M	82M	139M	196C	244M*	301M	359E*	410M	462M	544C	719E
27M	83M	140M	198M	245M	303M	360E	411M	463M	546C	720E
28M	84M*	141M	199M	246M	305M	361E	412M	464M	548C	725E
29M*	86M	142M	200E	248M	307E	362E	413M	470M	549C	726E*
30M	87M	144M	201C	249M	310E	363E	414M	472M	552C	800C
33M	89M	147M	202C	250E	312M	365E	415M	473M	554C	850E
34M	91M	148C	203C	251M	313E	366M	416M	474M	556C	901M
36M	92M	149C	204C*	252C	314E	367E	417M	475M	558C	902E
37M	95C	150M	205C	254M	315E	368E*	418M	476M	560C	903M
38M	96C	152M	206M	256M	318E	369E	419C	477M	562C	930C
40M	99M	156C*	208C	257E	320E	370E	420C	482M	564C	968M*
42M	100M	157M	209M*	258M	322E	372E	422C	483M	568C	976C
43M	101M	159C	210C*	260C	323E	373E	423C	492M	570C	977C*
44C	102M	160M	211M	261M	324E	374M	424C	493M	585C	984M*
47M	104M	162C	212M	264C	326E	375E	425M	494M	588C*	987C
48C	105M	163M	213M	266M	327E	376C	426C	501C	600M*	
49M	106C	164M	215M	267M	329E	377E	427C	502C	601M	
51C	108M	165M	216C	269M	330E	378E*	428C	503C	602M	
52M	109M	166M	217M	270M	331E	379E	429C	504C	604M*	
53M	110M	168M	218E	271M	332E	380E	430C	505E*	606M	
54M	111M	169M	219E	273M	333E	381E	431M	507C	607M*	
55C	112M	171M	220M	276M	334E	382E	432M	508C	623M	
56M	114M	172M	221M	277M	335E	383M	433M	510C	700E	
57M	116M	173M	222M	278M	336E	384M	434M*	512C	701E	
59M	117C	174E	223M	279M	337E	385E*	435C	514C	702E	
60M	118M*	175M	224M	280M	338E	386E	436C	516C	703E	
62M	119M	177E	225M	281M	340E	388E	438C	518C	704E	
63M	122M	178E	226M	283M	341E	392E	439M	520C	705E	
65C	123M	180M	227M	285M	342E	396E*	440M	521C	706E	

- \*8/147-159 are mechanical
- \*29/2, 25.01-25.03, 623.1-623.5 are chemical
- \*84/600-746 are electrical
- \*118/47, 715-733 are chemical
- \*131/274-279 are chemical
- \*134/1-42 are chemical
- \*156/349-584 are mechanical
- \*204/157.2-157.22 are electrical
- \*209/127.1-131, 511, 524-528, 536, 563-590 are electrical
- \*210/348-540 are mechanical
- \*244/3.1-3.14 are electrical
- \*346/139R-145 are mechanical
- \*347/1-109 are mechanical
- \*352/143-197, 204-243 are mechanical
- \*359/503-553, 600-617, 838-883 are mechanical
- \*368/89-106, 124-154, 168-202, 206-216, 276-326 are mechanical
- \*378/167-209 are mechanical
- \*385/53-99 are mechanical
- \*396/341-372, 411-428, 439-543, 564-660 are mechanical
- \*434/1-10, 307R-321, 350-362 are electrical
- \*505/100-126, 300-512, 725-785, 800-824, 951 are chemical
- \*588/249-250, 252-260 are mechanical
- \*600/310-361, 372-397, 407-436, 473-480, 509-525, 544-548 are electrical
- \*604/20-21 are electrical
- \*607/2-76, 98-103, 115-156 are electrical
- \*726/35 is mechanical
- \*968/446-604, 783, 802, 820-830, 837-856, 876-977 are electrical
- \*977/720-723, 839, 849-881, 901, 932-960 are electrical
- \*977/724-733, 904-913, 919, 962 are mechanical
- \*984/300-398 are electrical

Part A1

Patent Grants as Distributed By Year of Patent Grant

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1991 - Dec 31, 2010) ----

	NUMBER OF PATENTS															
	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total
<b>Total</b>	175413	33545	40190	43086	42245	45621	44945	42566	38137	30293	33852	31993	30787	33135	45742	711550
U.S. Origin	91492	18176	21357	22946	22151	23380	22898	21692	18951	15513	17221	16223	15090	16168	21840	365098
Foreign Origin	83921	15369	18833	20140	20094	22241	22047	20874	19186	14780	16631	15770	15697	16967	23902	346452
<b>JAPAN</b>	37909	6215	7453	7801	7691	8265	8437	8159	7776	5809	6345	5983	5869	6346	8872	138930
GERMANY	15053	2547	3123	3067	3104	3435	3387	3312	2977	2214	2433	2190	2058	2076	3095	54071
FRANCE	5850	1134	1365	1432	1361	1483	1426	1352	985	838	940	975	914	902	1304	22261
UNITED KINGDOM	5265	1074	1298	1372	1255	1349	1248	1156	981	796	883	901	795	768	1159	20300
KOREA, SOUTH	1176	425	628	743	785	938	1051	1035	1093	943	1184	1225	1424	1783	2425	16858
TAIWAN	1131	414	637	910	1261	1550	1146	972	1016	758	846	731	803	841	1089	14105
CANADA	3153	647	789	903	891	936	928	819	736	556	691	627	650	716	908	13950
ITALY	2575	423	485	500	491	526	524	452	399	309	347	314	338	357	533	8573
SWITZERLAND	2579	442	452	506	445	499	469	406	386	295	335	295	287	321	507	8224
NETHERLANDS	1664	258	387	428	413	437	443	441	390	293	275	315	302	328	442	6816
BELGIUM	1281	330	382	387	401	414	442	350	315	234	290	260	230	279	386	5981
SWEDEN	995	249	297	353	324	404	396	341	282	218	245	239	261	229	337	5170
AUSTRALIA	675	145	204	229	181	274	239	190	202	176	215	168	186	206	275	3565
ISRAEL	594	123	164	193	185	196	240	249	171	145	197	174	203	246	288	3368
DENMARK	538	171	211	259	232	232	199	221	141	138	150	141	138	141	245	3157
FINLAND	676	144	152	168	144	193	206	185	193	136	131	107	119	125	167	2846
INDIA	121	35	67	90	102	132	188	230	209	198	231	195	201	199	263	2461
AUSTRIA	549	135	139	153	119	173	164	129	128	88	107	100	94	107	167	2352
CHINA, PEOPLE'S REPUB	121	34	41	37	48	59	80	77	97	72	108	139	130	211	354	1608
SINGAPORE	60	35	41	50	89	126	171	158	120	96	104	97	91	105	168	1511
SPAIN	269	57	90	75	68	73	94	88	69	70	81	80	93	102	131	1440
RUSSIAN FEDERATION	104	54	86	76	74	84	82	64	55	55	45	62	48	60	95	1044
NORWAY	197	43	51	55	67	61	59	66	73	52	48	55	61	62	81	1031
HUNGARY	277	12	27	15	20	33	31	29	25	20	19	21	35	17	38	619
SOUTH AFRICA	166	31	32	35	34	46	45	32	26	24	29	30	21	29	37	617
CHINA, HONG KONG S.A.	34	6	12	12	25	30	26	34	35	43	61	67	63	67	74	589
NEW ZEALAND	67	19	22	34	34	26	37	35	38	16	35	31	29	38	47	508
BRAZIL	72	12	19	23	28	20	26	35	31	22	38	28	26	39	70	489
IRELAND	83	16	9	22	24	24	23	32	35	29	16	15	36	28	43	435
MEXICO	101	17	20	29	26	21	22	24	17	12	13	15	15	24	34	390
MALAYSIA	4	2	4	5	8	17	14	16	22	19	22	27	22	30	34	246
VENEZUELA	68	19	20	26	16	13	12	4	10	3	6	7	7	7	11	229
ARGENTINA	30	10	11	7	12	10	13	16	13	4	15	9	10	14	11	185
LUXEMBOURG	24	6	7	6	13	4	13	11	15	10	13	20	6	8	7	163
CZECH REPUBLIC	1	2	4	11	12	10	10	12	14	3	11	13	10	18	22	153
U.S.S.R.	123	2	5	2			1									133
Others ( 92 )	336	81	99	126	111	148	155	142	111	86	122	114	122	138	183	2074
<b>Ownership:</b>																
U.S. Corporations	86066	17067	20159	21611	21019	22083	21953	20666	18113	14836	16492	15614	14622	15561	20827	346689
U.S. Government	2261	373	423	432	341	370	298	308	330	244	285	259	252	275	373	6824
U.S. Individuals	8222	1566	1914	2070	1839	1999	1642	1601	1268	950	956	906	775	807	1160	27675
Foreign Corporations	73985	13689	16676	17921	18135	20107	20060	19050	17663	13758	15519	14677	14672	15942	22587	314441
Foreign Government	865	119	130	87	59	54	56	42	38	25	20	31	12	53	94	1685
Foreign Individuals	4014	731	888	965	852	1008	936	899	725	480	580	506	454	497	701	14236

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1991 - Dec 31, 2010) ----

	PERCENT OF PATENTS															
	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	52	54	53	53	52	51	51	51	50	51	51	51	49	49	48	51
Foreign Origin	48	46	47	47	48	49	49	49	50	49	49	49	51	51	52	49
JAPAN	22	19	19	18	18	18	19	19	20	19	19	19	19	19	19	20
GERMANY	9	8	8	7	7	8	8	8	8	7	7	7	7	6	7	8
FRANCE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
UNITED KINGDOM	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3
KOREA, SOUTH	1	1	2	2	2	2	2	2	3	3	3	4	5	5	5	2
TAIWAN	1	1	2	2	3	3	3	2	3	3	2	2	3	3	2	2
CANADA	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ITALY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SWITZERLAND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
NETHERLANDS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BELGIUM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SWEDEN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
AUSTRALIA			1	1		1	1		1	1	1	1	1	1	1	1
ISRAEL							1	1			1	1	1	1	1	0
DENMARK		1	1	1	1	1		1							1	0
FINLAND									1							0
INDIA								1	1	1	1	1	1	1	1	0
AUSTRIA																0
CHINA, PEOPLE'S REPUB														1	1	0
SINGAPORE																0
SPAIN																0
RUSSIAN FEDERATION																0
NORWAY																0
HUNGARY																0
SOUTH AFRICA																0
CHINA, HONG KONG S.A.																0
NEW ZEALAND																0
BRAZIL																0
IRELAND																0
MEXICO																0
MALAYSIA																0
VENEZUELA																0
ARGENTINA																0
LUXEMBOURG																0
CZECH REPUBLIC																0
U.S.S.R.																0
Others ( 92 )																0
Ownership:																
U.S. Corporations	49	51	50	50	50	48	49	49	47	49	49	49	47	47	46	49
U.S. Government	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
U.S. Individuals	5	5	5	5	4	4	4	4	3	3	3	3	3	2	3	4
Foreign Corporations	42	41	41	42	43	44	45	45	46	45	46	46	48	48	49	44
Foreign Government																0
Foreign Individuals	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2

Part A2

Patent Grants as Distributed By Year of Patent Application

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1991 - Dec 31, 2010) ----

	NUMBER OF PATENTED APPLICATIONS															
	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total
Total	263114	45142	42985	46473	49021	51418	50802	42888	36002	30103	24800	17096	8618	2805	283	711550
U.S. Origin	139710	23755	22347	23946	24721	24764	24101	20949	17675	14943	12749	9120	4587	1561	170	365098
Foreign Origin	123404	21387	20638	22527	24300	26654	26701	21939	18327	15160	12051	7976	4031	1244	113	346452
JAPAN	53165	8561	7801	8134	9270	10318	10065	8560	7340	6117	4479	2976	1625	479	40	138930
GERMANY	21402	3431	3157	3622	3819	4260	4280	3240	2354	1826	1362	837	362	109	10	54071
FRANCE	8866	1494	1405	1517	1704	1620	1583	1218	971	755	525	360	187	49	7	22261
UNITED KINGDOM	8200	1387	1259	1416	1463	1614	1573	1133	785	561	409	302	145	50	3	20300
KOREA, SOUTH	2303	742	799	928	1051	1183	1503	1535	1587	1730	1693	1094	528	166	16	16858
TAIWAN	2080	873	1345	1522	999	1105	1258	1089	1018	868	837	636	355	109	11	14105
CANADA	5023	882	893	989	1050	1003	980	767	712	586	489	347	174	53	2	13950
ITALY	3632	515	484	550	549	606	627	505	389	298	223	122	52	20	1	8573
SWITZERLAND	3585	525	487	483	514	585	553	426	345	259	217	143	78	23	1	8224
NETHERLANDS	2483	456	404	469	507	586	525	459	349	226	159	132	40	19	2	6816
BELGIUM	2166	388	409	438	458	463	438	351	287	238	181	101	45	17	1	5981
SWEDEN	1720	374	358	377	434	474	426	315	230	188	143	85	28	16	2	5170
AUSTRALIA	1207	223	245	266	300	303	278	230	191	125	96	65	25	10	1	3565
ISRAEL	1008	174	192	237	288	315	265	207	205	179	158	102	28	8	2	3368
DENMARK	1028	249	243	263	240	296	228	173	131	122	103	36	26	17	2	3157
FINLAND	1049	176	165	182	218	246	295	192	128	90	58	36	10	1		2846
INDIA	227	99	106	114	205	294	370	331	278	154	146	85	40	12		2461
AUSTRIA	882	160	148	145	172	182	199	129	99	90	73	47	21	5		2352
CHINA, PEOPLE'S REPUB	204	40	57	55	98	136	144	159	150	152	185	128	78	20	2	1608
SINGAPORE	142	57	72	136	174	175	178	131	134	94	90	71	48	8	1	1511
SPAIN	429	93	75	68	93	130	137	111	98	80	66	30	21	9		1440
RUSSIAN FEDERATION	268	77	79	90	86	93	87	57	53	50	54	30	15	5		1044
NORWAY	322	50	52	83	83	118	119	72	52	31	17	16	7	8	1	1031
HUNGARY	321	20	25	27	37	27	53	32	25	24	11	12	3	2		619
SOUTH AFRICA	236	31	42	50	46	51	48	35	31	16	16	7	3	4	1	617
CHINA, HONG KONG S.A.	49	22	29	31	26	52	64	82	72	69	45	36	11	1		589
NEW ZEALAND	121	33	34	42	52	53	50	52	29	17	13	6	6			508
BRAZIL	111	24	25	30	42	36	50	39	41	22	29	23	11	2	4	489
IRELAND	124	21	30	27	38	33	40	35	27	21	26	8	3	2		435
MEXICO	151	19	29	24	22	28	19	27	16	22	14	9	7	3		390
MALAYSIA	15	4	3	19	14	31	24	32	35	23	23	12	10	1		246
VENEZUELA	103	24	22	17	7	12	10	6	6	8	4	6	1	3		229
ARGENTINA	54	11	9	10	17	25	11	16	10	3	10	4	5			185
LUXEMBOURG	37	11	9	7	14	15	19	14	18	6	7	2	2	2		163
CZECH REPUBLIC	21	11	7	5	12	19	15	15	15	12	11	6	3	1		153
U.S.S.R.	130	2	1													133
Others ( 92 )	540	128	138	154	198	167	187	164	116	98	79	64	28	10	3	2074
<b>Ownership:</b>																
U.S. Corporations	131283	22495	21284	22749	23623	23781	23135	20125	16959	14358	12256	8609	4412	1453	167	346689
U.S. Government	3394	371	328	324	379	402	383	340	273	232	185	124	67	19	3	6824
U.S. Individuals	12265	2066	1806	1899	1861	1671	1569	1237	958	805	660	499	263	106	10	27675
Foreign Corporations	109098	19118	18616	20404	22010	24370	24707	20484	17237	14311	11369	7635	3779	1201	102	314441
Foreign Government	1123	93	56	63	78	61	55	34	44	29	23	13	8	4	1	1685
Foreign Individuals	5951	999	895	1034	1070	1133	953	668	531	368	307	216	89	22		14236



Part B

Ranked Listing of Organizations with PATENT GRANTS

As Distributed By Year of Patent Grant

and As Distributed By Year of Patent Application

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>E. I. DU PONT DE NEMOURS AND COMPANY</b>																
Patents By Year of Grant:	2550	285	354	311	294	307	283	311	284	216	314	315	276	302	435	6837
Patents By Year of Application:	3178	363	297	306	358	342	334	376	311	314	315	208	88	41	6	6837
<b>MICRON TECHNOLOGY, INC.</b>																
Patents By Year of Grant:	304	131	201	337	546	643	698	597	630	517	503	463	380	306	323	6579
Patents By Year of Application:	750	426	583	556	709	672	734	563	537	415	386	153	75	17	3	6579
<b>BASF AKTIENGESELLSCHAFT</b>																
Patents By Year of Grant:	2022	274	395	403	502	473	462	374	335	224	267	217	208	171	217	6544
Patents By Year of Application:	2675	471	500	491	487	491	530	379	243	126	97	39	10	5	0	6544
<b>INTERNATIONAL BUSINESS MACHINES CORPORATION</b>																
Patents By Year of Grant:	954	195	233	348	416	527	468	392	317	278	313	273	371	426	527	6038
Patents By Year of Application:	1475	398	406	504	436	396	305	394	358	345	367	361	254	38	1	6038
<b>EASTMAN KODAK COMPANY</b>																
Patents By Year of Grant:	2230	329	455	427	354	308	278	315	239	138	209	159	97	86	85	5709
Patents By Year of Application:	2919	434	426	296	296	333	281	248	216	126	73	44	14	3	0	5709
<b>BAYER AKTIENGESELLSCHAFT</b>																
Patents By Year of Grant:	2334	345	370	329	288	349	382	329	317	163	141	36	10	5	9	5407
Patents By Year of Application:	3065	375	269	339	326	418	405	142	42	13	8	4	0	1	0	5407
<b>GENERAL ELECTRIC COMPANY</b>																
Patents By Year of Grant:	1840	226	227	237	213	304	387	334	243	210	231	184	147	126	182	5091
Patents By Year of Application:	2325	239	258	295	348	365	357	311	195	187	108	68	32	3	0	5091
<b>FUJI PHOTO FILM CO., LTD</b>																
Patents By Year of Grant:	2131	228	244	239	246	245	279	303	414	257	306	84	3	2	1	4982
Patents By Year of Application:	2615	296	217	238	354	353	404	326	137	41	1	0	0	0	0	4982
<b>SAMSUNG ELECTRONICS CO., LTD.</b>																
Patents By Year of Grant:	197	76	150	181	221	246	239	260	300	274	400	378	519	547	586	4574
Patents By Year of Application:	457	168	225	247	206	275	334	502	500	516	545	369	171	53	6	4574
<b>PROCTER + GAMBLE COMPANY</b>																
Patents By Year of Grant:	904	305	348	410	348	316	298	306	290	202	176	144	142	126	189	4504
Patents By Year of Application:	1650	422	288	340	368	378	320	206	146	151	86	78	40	27	4	4504
<b>CANON KABUSHIKI KAISHA</b>																
Patents By Year of Grant:	1049	210	226	205	210	232	236	252	201	180	171	168	159	186	244	3929
Patents By Year of Application:	1608	255	228	237	190	237	201	226	192	215	128	109	69	31	3	3929

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>UNIVERSITY OF CALIFORNIA, THE REGENTS OF</b>																
Patents By Year of Grant:	515	177	236	283	295	288	271	279	269	217	235	207	149	144	230	3795
Patents By Year of Application:	1186	273	305	315	327	321	285	240	174	139	126	72	20	10	2	3795
<b>MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.</b>																
Patents By Year of Grant:	842	145	171	168	180	234	231	277	284	248	259	197	166	5	0	3407
Patents By Year of Application:	1194	203	214	201	274	345	346	292	192	88	50	7	1	0	0	3407
<b>ADVANCED MICRO DEVICES, INC.</b>																
Patents By Year of Grant:	82	59	133	275	427	518	548	391	313	187	157	86	80	66	56	3378
Patents By Year of Application:	316	371	402	400	501	442	378	226	142	79	68	35	14	4	0	3378
<b>TOSHIBA CORPORATION</b>																
Patents By Year of Grant:	728	121	168	181	200	194	176	157	168	132	208	164	148	202	301	3248
Patents By Year of Application:	1072	199	196	169	172	189	171	185	221	200	197	148	94	33	2	3248
<b>TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.</b>																
Patents By Year of Grant:	101	101	153	197	290	400	298	259	272	213	207	189	136	98	151	3065
Patents By Year of Application:	323	207	289	435	221	272	407	270	256	148	119	71	32	15	0	3065
<b>APPLIED MATERIALS, INC.</b>																
Patents By Year of Grant:	204	55	99	147	252	257	293	309	208	209	168	156	151	182	289	2979
Patents By Year of Application:	494	241	215	220	325	258	279	194	186	155	222	113	64	12	1	2979
<b>3M INNOVATIVE PROPERTIES COMPANY</b>																
Patents By Year of Grant:	0	0	0	101	273	286	361	370	324	229	218	216	185	159	254	2976
Patents By Year of Application:	108	188	260	304	340	416	359	307	234	178	151	74	41	14	2	2976
<b>XEROX CORPORATION</b>																
Patents By Year of Grant:	855	159	165	181	161	185	161	108	125	73	86	123	128	186	232	2928
Patents By Year of Application:	1154	182	167	172	188	134	140	105	135	221	167	106	40	16	1	2928
<b>HOECHST AKTIENGESELLSCHAFT</b>																
Patents By Year of Grant:	1830	338	314	147	82	18	18	9	1	2	0	0	0	1	0	2760
Patents By Year of Application:	2496	199	39	14	5	4	2	0	1	0	0	0	0	0	0	2760
<b>MERCK + CO., INC.</b>																
Patents By Year of Grant:	918	159	176	212	176	181	171	127	56	61	78	102	97	123	24	2661
Patents By Year of Application:	1253	223	206	179	163	148	112	140	112	68	33	17	7	0	0	2661
<b>SUMITOMO CHEMICAL COMPANY, LIMITED</b>																
Patents By Year of Grant:	839	117	138	125	139	159	175	167	142	105	96	105	76	97	121	2601
Patents By Year of Application:	1139	137	129	161	164	199	190	141	113	98	50	45	29	6	0	2601

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
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MINNESOTA MINING AND MANUFACTURING COMPANY

Patents By Year of Grant:	1630	354	305	215	22	10	3	4	3	1	0	0	0	0	0	2547
Patents By Year of Application:	2326	189	23	5	1	2	0	1	0	0	0	0	0	0	0	2547

TEXAS INSTRUMENTS, INCORPORATED

Patents By Year of Grant:	642	117	84	104	156	180	129	135	189	118	138	131	118	103	140	2484
Patents By Year of Application:	909	136	159	153	95	137	183	185	158	129	99	98	27	13	3	2484

DOW CHEMICAL COMPANY

Patents By Year of Grant:	1494	142	161	131	123	158	115	42	25	10	8	5	0	2	0	2416
Patents By Year of Application:	1827	142	119	131	118	56	17	2	2	1	1	0	0	0	0	2416

SONY CORPORATION

Patents By Year of Grant:	397	117	123	174	164	152	164	143	160	116	157	152	87	114	188	2408
Patents By Year of Application:	705	177	159	155	171	198	162	168	158	141	107	63	39	4	1	2408

HITACHI, LTD

Patents By Year of Grant:	694	98	122	124	124	151	189	264	188	110	94	70	58	39	76	2401
Patents By Year of Application:	973	120	101	165	189	281	212	130	93	59	38	25	11	4	0	2401

SHIN ETSU CHEMICAL CO., LTD.

Patents By Year of Grant:	799	88	90	91	102	118	124	120	153	103	93	89	80	125	147	2322
Patents By Year of Application:	981	82	104	101	147	167	154	138	114	101	104	77	44	8	0	2322

NEC CORPORATION

Patents By Year of Grant:	425	156	189	271	311	331	284	125	51	30	27	24	27	29	33	2313
Patents By Year of Application:	793	324	311	279	256	143	74	43	38	22	14	10	5	1	0	2313

L'OREAL S.A.

Patents By Year of Grant:	358	148	146	199	168	201	226	163	88	79	102	133	104	74	114	2303
Patents By Year of Application:	734	215	153	240	234	146	161	115	94	89	51	39	24	8	0	2303

PFIZER INC.

Patents By Year of Grant:	459	99	114	109	151	172	182	192	162	161	135	106	74	74	70	2260
Patents By Year of Application:	685	129	97	220	223	195	185	193	124	93	59	34	17	6	0	2260

UNITED MICROELECTRONICS CORPORATION

Patents By Year of Grant:	275	69	83	183	328	470	187	115	47	51	54	72	66	98	78	2176
Patents By Year of Application:	424	160	407	372	186	151	72	57	62	106	83	58	32	4	2	2176

SHELL OIL COMPANY

Patents By Year of Grant:	1008	97	125	109	93	88	44	50	71	40	66	71	70	74	118	2124
Patents By Year of Application:	1236	112	95	83	60	85	93	90	104	54	46	47	14	5	0	2124

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>ELI LILLY AND COMPANY</b>																
Patents By Year of Grant:	642	221	172	183	159	113	115	87	59	48	53	66	62	67	61	2108
Patents By Year of Application:	1050	209	156	109	97	109	112	98	55	50	28	15	11	9	0	2108
<b>CIBA-GEIGY CORPORATION</b>																
Patents By Year of Grant:	1852	233	15	3	2	0	2	0	0	0	0	0	0	0	0	2107
Patents By Year of Application:	2106	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2107
<b>BRISTOL-MYERS SQUIBB COMPANY</b>																
Patents By Year of Grant:	369	98	100	101	84	74	96	125	82	107	169	158	143	144	124	1974
Patents By Year of Application:	610	76	84	90	94	134	146	164	146	150	129	93	43	15	0	1974
<b>UNITED STATES OF AMERICA, DEPARTMENT OF HEALTH &amp; HUMAN SERVICES</b>																
Patents By Year of Grant:	451	140	164	135	91	97	82	76	109	72	109	90	91	97	119	1923
Patents By Year of Application:	948	98	75	99	123	148	117	102	64	59	41	32	16	1	0	1923
<b>SEMICONDUCTOR ENERGY LABORATORY CO., LTD.</b>																
Patents By Year of Grant:	175	47	62	87	62	80	99	96	121	92	147	142	171	196	240	1817
Patents By Year of Application:	382	97	66	83	84	128	158	140	174	163	150	83	90	17	2	1817
<b>PIONEER HI-BRED INTERNATIONAL, INC.</b>																
Patents By Year of Grant:	116	26	107	92	110	112	61	70	127	114	133	200	139	200	177	1784
Patents By Year of Application:	246	77	120	155	138	75	94	103	147	149	132	175	125	40	8	1784
<b>FUJITSU LIMITED</b>																
Patents By Year of Grant:	425	87	97	101	110	85	103	112	127	108	95	97	117	69	49	1782
Patents By Year of Application:	657	110	110	82	101	118	121	120	124	125	63	35	9	6	1	1782
<b>INTEL CORPORATION</b>																
Patents By Year of Grant:	85	19	24	54	59	59	81	115	152	176	198	209	193	163	164	1751
Patents By Year of Application:	167	58	47	76	88	114	207	300	237	190	147	74	39	7	0	1751
<b>GENENTECH, INC.</b>																
Patents By Year of Grant:	195	82	133	53	77	64	68	71	62	70	145	281	224	85	119	1729
Patents By Year of Application:	511	76	74	51	90	197	433	51	51	64	74	31	21	4	1	1729
<b>ABBOTT LABORATORIES</b>																
Patents By Year of Grant:	547	158	122	122	106	105	93	82	46	41	53	43	53	57	81	1709
Patents By Year of Application:	902	112	102	110	87	75	60	55	61	40	49	35	15	6	0	1709
<b>mitsubishi denki kabushiki kaisha</b>																
Patents By Year of Grant:	665	76	87	117	108	156	159	135	41	21	26	16	17	19	33	1676
Patents By Year of Application:	864	124	111	127	142	122	70	24	16	22	17	13	20	3	1	1676

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

Pre

1997 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 TOTAL

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Patents By Year of Grant: 583 56 79 98 90 82 90 64 59 41 55 49 97 90 132 1665  
 Patents By Year of Application: 714 85 98 114 89 77 71 53 70 80 64 92 37 21 0 1665

HOFFMANN-LA ROCHE INC.

Patents By Year of Grant: 516 78 71 69 61 77 73 81 62 51 77 98 99 116 115 1644  
 Patents By Year of Application: 665 63 56 64 82 94 80 88 104 102 112 71 51 11 1 1644

MOBIL OIL CORP.

Patents By Year of Grant: 1309 80 58 61 60 44 9 2 3 2 0 0 1 0 0 1629  
 Patents By Year of Application: 1472 55 59 39 3 0 0 0 0 1 0 0 0 0 0 1629

MOTOROLA, INC.

Patents By Year of Grant: 595 152 163 143 141 102 121 85 52 21 22 10 12 2 6 1627  
 Patents By Year of Application: 912 199 127 80 122 72 58 24 10 10 8 4 1 0 0 1627

MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG

Patents By Year of Grant: 334 60 93 52 67 72 99 124 101 80 96 101 93 102 146 1620  
 Patents By Year of Application: 522 51 62 83 114 165 173 131 129 78 53 38 14 7 0 1620

TOKYO ELECTRON LIMITED

Patents By Year of Grant: 137 35 43 76 75 103 110 91 103 99 80 121 131 167 245 1616  
 Patents By Year of Application: 234 82 87 80 142 122 160 154 135 152 136 92 30 10 0 1616

SMITHKLINE BEECHAM CORPORATION

Patents By Year of Grant: 89 66 94 176 192 242 194 115 69 41 72 64 57 59 10 1540  
 Patents By Year of Application: 260 243 215 215 140 143 121 84 43 23 27 15 9 2 0 1540

KIMBERLY-CLARK WORLDWIDE, INC.

Patents By Year of Grant: 0 57 100 93 127 129 135 187 149 123 101 102 68 59 97 1527  
 Patents By Year of Application: 188 162 114 134 209 206 188 130 67 59 35 20 9 5 1 1527

ROHM AND HAAS COMPANY

Patents By Year of Grant: 557 62 69 81 76 93 71 80 84 56 74 54 44 45 53 1499  
 Patents By Year of Application: 698 73 83 91 86 98 101 91 45 45 40 25 21 1 1 1499

CIBA SPECIALTY CHEMICALS CORPORATION

Patents By Year of Grant: 0 21 163 180 153 113 141 124 95 86 111 88 68 74 81 1498  
 Patents By Year of Application: 173 188 171 103 137 159 177 154 95 58 42 20 13 8 0 1498

KAO KABUSHIKI KAISHA (KAO CORPORATION)

Patents By Year of Grant: 386 87 108 84 68 76 82 71 80 72 76 63 69 76 98 1496  
 Patents By Year of Application: 584 97 95 59 90 122 122 104 82 72 31 22 12 4 0 1496

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>SEIKO EPSON CORPORATION</b>																
Patents By Year of Grant:	127	26	24	34	48	47	79	103	121	111	138	145	147	153	144	1447
Patents By Year of Application:	202	29	56	63	81	141	110	164	186	145	149	82	32	7	0	1447
<b>HYNIX SEMICONDUCTOR INC.</b>																
Patents By Year of Grant:	0	0	0	0	0	1	54	123	176	167	151	131	140	190	283	1416
Patents By Year of Application:	0	1	1	4	18	137	220	209	160	174	181	190	93	23	5	1416
<b>INFINEON TECHNOLOGIES AG</b>																
Patents By Year of Grant:	0	0	0	0	13	44	107	152	188	176	186	155	135	88	132	1376
Patents By Year of Application:	2	1	22	43	106	157	267	235	176	175	93	62	28	9	0	1376
<b>KONICA CORPORATION</b>																
Patents By Year of Grant:	663	64	92	83	76	72	83	61	65	39	38	16	15	4	2	1373
Patents By Year of Application:	799	100	79	77	68	68	81	78	8	6	7	2	0	0	0	1373
<b>DOW CORNING CORPORATION</b>																
Patents By Year of Grant:	689	83	103	102	73	57	50	40	44	11	16	10	20	23	43	1364
Patents By Year of Application:	874	85	87	63	42	51	49	29	36	26	13	5	1	3	0	1364
<b>UNITED STATES OF AMERICA, NAVY</b>																
Patents By Year of Grant:	464	56	76	91	55	67	59	64	72	43	55	43	60	62	91	1358
Patents By Year of Application:	640	74	60	54	57	64	79	79	72	66	50	35	18	7	3	1358
<b>CORNING INCORPORATED</b>																
Patents By Year of Grant:	354	46	38	52	68	111	97	106	105	47	50	61	46	59	99	1339
Patents By Year of Application:	443	57	71	124	119	120	96	63	57	65	55	46	14	7	2	1339
<b>RICOH COMPANY, LTD.</b>																
Patents By Year of Grant:	331	64	65	80	75	63	49	80	69	70	62	71	91	74	94	1338
Patents By Year of Application:	475	79	66	57	73	69	106	81	88	98	79	48	17	1	1	1338
<b>PHILLIPS PETROLEUM COMPANY</b>																
Patents By Year of Grant:	792	63	63	60	102	68	69	45	15	9	11	3	2	1	0	1303
Patents By Year of Application:	942	60	101	78	63	21	14	18	4	2	0	0	0	0	0	1303
<b>UNIVERSITY OF TEXAS</b>																
Patents By Year of Grant:	378	61	71	64	65	69	61	60	64	63	78	61	50	63	84	1292
Patents By Year of Application:	592	66	59	72	81	81	77	93	54	37	33	28	15	3	1	1292
<b>EXXONMOBIL CHEMICAL PATENTS INC.</b>																
Patents By Year of Grant:	0	0	0	0	0	57	124	97	86	96	149	162	155	137	207	1270
Patents By Year of Application:	15	17	17	71	120	92	157	198	141	179	124	94	36	9	0	1270



---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>WARNER-LAMBERT COMPANY</b>																
Patents By Year of Grant:	464	76	51	74	77	73	60	59	57	62	53	31	13	2	6	1158
Patents By Year of Application:	592	55	89	82	63	76	79	57	40	14	10	1	0	0	0	1158
<b>IMPERIAL CHEMICAL INDUSTRIES PLC</b>																
Patents By Year of Grant:	820	59	56	41	39	36	25	17	14	13	7	1	2	2	1	1133
Patents By Year of Application:	957	40	34	35	21	16	22	3	2	2	1	0	0	0	0	1133
<b>AMERICAN CYANAMID COMPANY</b>																
Patents By Year of Grant:	617	102	103	105	63	64	31	10	3	1	0	0	0	0	0	1099
Patents By Year of Application:	849	78	60	67	39	6	0	0	0	0	0	0	0	0	0	1099
<b>SANYO ELECTRIC CO., LTD.</b>																
Patents By Year of Grant:	144	38	24	38	49	65	100	103	78	80	77	79	69	59	84	1087
Patents By Year of Application:	217	45	57	70	126	116	109	80	96	65	49	33	20	4	0	1087
<b>NGK INSULATORS LTD.</b>																
Patents By Year of Grant:	261	40	47	63	62	51	74	66	58	44	56	53	59	67	82	1083
Patents By Year of Application:	359	71	73	64	55	70	101	75	70	35	40	31	28	11	0	1083
<b>BASF CORP.</b>																
Patents By Year of Grant:	381	76	90	79	75	54	79	52	39	37	25	21	19	18	34	1079
Patents By Year of Application:	566	100	62	57	67	59	48	28	31	26	18	7	8	2	0	1079
<b>MONSANTO TECHNOLOGY, LLC</b>																
Patents By Year of Grant:	0	0	0	0	0	5	36	41	30	47	58	136	165	256	296	1070
Patents By Year of Application:	6	2	6	24	39	66	83	78	58	88	151	245	192	32	0	1070
<b>HYUNDAI ELECTRONICS INDUSTRIES CO., LTD.</b>																
Patents By Year of Grant:	178	65	89	91	93	207	200	84	34	11	6	0	0	0	0	1058
Patents By Year of Application:	348	113	85	174	194	96	28	17	2	1	0	0	0	0	0	1058
<b>COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH</b>																
Patents By Year of Grant:	34	18	21	33	35	57	113	127	118	105	117	85	68	52	61	1044
Patents By Year of Application:	75	32	42	43	109	166	180	159	126	32	48	18	13	1	0	1044
<b>EXXON RESEARCH + ENGINEERING CO.</b>																
Patents By Year of Grant:	592	64	97	118	97	65	8	1	1	0	0	0	0	0	0	1043
Patents By Year of Application:	750	115	109	60	8	1	0	0	0	0	0	0	0	0	0	1043
<b>GOODYEAR TIRE + RUBBER COMPANY</b>																
Patents By Year of Grant:	276	61	67	51	61	77	71	72	67	42	62	42	32	25	36	1042
Patents By Year of Application:	373	80	65	80	71	88	71	67	46	42	33	12	12	2	0	1042

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL	
<b>AKZO NOBEL NV</b>																	
Patents By Year of Grant:	124	79	97	108	88	84	89	105	70	54	45	28	18	17	33	1039	
Patents By Year of Application:	320	110	96	84	95	126	93	52	28	14	13	5	2	1	0	1039	
<b>HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)</b>																	
Patents By Year of Grant:	118	23	35	34	43	46	39	59	85	74	93	81	84	91	133	1038	
Patents By Year of Application:	189	44	32	42	70	119	145	118	108	80	51	24	13	3	0	1038	
<b>TDK CORPORATION</b>																	
Patents By Year of Grant:	159	37	41	44	64	66	98	71	62	38	60	73	69	78	77	1037	
Patents By Year of Application:	239	44	72	84	88	78	57	84	117	76	43	31	21	2	1	1037	
<b>AGFA-GEVAERT N.V.</b>																	
Patents By Year of Grant:	310	82	71	81	128	109	67	52	40	29	32	20	9	2	1	1033	
Patents By Year of Application:	476	82	118	98	72	57	48	44	23	12	1	2	0	0	0	1033	
<b>COLGATE-PALMOLIVE COMPANY</b>																	
Patents By Year of Grant:	303	65	95	118	81	82	106	80	28	15	14	11	11	7	12	1028	
Patents By Year of Application:	446	99	65	76	83	79	90	48	13	6	7	8	3	5	0	1028	
<b>ALLIED-SIGNAL INC.</b>																	
Patents By Year of Grant:	626	49	58	70	73	68	39	27	8	2	0	1	0	0	0	1021	
Patents By Year of Application:	763	57	76	82	25	12	4	1	1	0	0	0	0	0	0	1021	
<b>WISCONSIN ALUMNI RESEARCH FOUNDATION</b>																	
Patents By Year of Grant:	188	43	65	72	46	53	57	49	39	55	70	64	49	69	85	1004	
Patents By Year of Application:	303	66	55	65	61	82	75	65	66	66	47	34	17	2	0	1004	
<b>TAKEDA CHEMICAL INDUSTRIES LTD.</b>																	
Patents By Year of Grant:	429	75	69	76	70	101	63	45	38	18	10	2	3	1	0	1000	
Patents By Year of Application:	625	67	46	93	64	48	44	9	2	1	1	0	0	0	0	1000	
<b>AJINOMOTO COMPANY INCORPORATED</b>																	
Patents By Year of Grant:	202	36	52	51	46	59	64	46	64	44	59	78	63	57	72	993	
Patents By Year of Application:	302	59	41	59	84	78	92	42	71	63	47	31	20	4	0	993	
<b>Fujifilm Corporation</b>																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	3	218	269	204	287	981	
Patents By Year of Application:	0	0	0	1	2	8	30	96	176	232	230	138	56	12	0	981	
<b>ASAHI GLASS COMPANY, LTD.</b>																	
Patents By Year of Grant:	203	35	48	53	34	59	66	74	68	46	54	37	55	56	90	978	
Patents By Year of Application:	284	65	46	55	61	75	78	54	50	66	54	43	34	12	1	978	

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>MONSANTO COMPANY, INC.</b>																
Patents By Year of Grant:	564	96	69	79	76	62	8	10	5	4	1	0	0	0	0	974
Patents By Year of Application:	760	81	54	51	15	8	4	1	0	0	0	0	0	0	0	974
<b>NOVO NORDISK A/S</b>																
Patents By Year of Grant:	211	95	122	160	133	81	34	35	16	22	14	15	14	12	10	974
Patents By Year of Application:	463	146	128	79	43	40	28	20	3	11	11	0	0	1	1	974
<b>MASSACHUSETTS INSTITUTE OF TECHNOLOGY</b>																
Patents By Year of Grant:	266	41	43	56	46	59	43	41	52	55	55	51	52	49	59	968
Patents By Year of Application:	392	53	58	70	51	62	63	57	53	53	40	8	8	0	0	968
<b>HONEYWELL INTERNATIONAL INC.</b>																
Patents By Year of Grant:	0	0	0	0	12	40	106	97	125	91	71	88	74	95	138	937
Patents By Year of Application:	4	4	24	40	127	124	131	98	111	102	86	48	29	9	0	937
<b>NOVARTIS AG (FORMERLY SANDOZ LTD.)</b>																
Patents By Year of Grant:	0	6	18	70	87	104	88	75	58	58	62	40	49	59	163	937
Patents By Year of Application:	54	68	84	106	90	92	101	104	67	57	63	29	17	5	0	937
<b>WYETH</b>																
Patents By Year of Grant:	0	0	0	0	0	0	52	83	82	53	104	117	136	150	143	920
Patents By Year of Application:	3	4	5	12	26	88	143	135	127	113	137	93	26	8	0	920
<b>FUJII XEROX CO., LTD.</b>																
Patents By Year of Grant:	251	58	45	53	48	39	38	27	38	42	38	34	50	55	74	890
Patents By Year of Application:	362	64	39	32	41	45	40	60	64	66	27	32	14	3	1	890
<b>G. D. SEARLE &amp; CO.</b>																
Patents By Year of Grant:	385	75	59	61	61	39	74	46	27	17	23	10	2	1	1	881
Patents By Year of Application:	567	44	47	50	53	43	38	19	9	5	5	1	0	0	0	881
<b>MITSUBISHI CHEMICAL CORPORATION</b>																
Patents By Year of Grant:	110	84	105	99	73	69	49	47	34	29	48	40	36	29	27	879
Patents By Year of Application:	306	106	84	63	45	48	41	31	61	54	26	8	5	1	0	879
<b>NESTEC, S.A.</b>																
Patents By Year of Grant:	233	33	60	99	63	75	48	62	39	32	25	29	11	18	33	860
Patents By Year of Application:	360	76	71	63	86	67	46	35	31	12	7	3	2	1	0	860
<b>ALLERGAN, INC.</b>																
Patents By Year of Grant:	245	57	55	21	12	7	19	40	44	35	45	52	66	57	93	848
Patents By Year of Application:	357	32	11	8	31	42	52	59	59	46	50	55	33	13	0	848

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
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W. R. GRACE & CO.-CONN.

Patents By Year of Grant:	538	58	47	23	15	27	28	22	18	23	11	8	8	5	10	841
Patents By Year of Application:	651	27	20	18	22	27	24	23	13	7	4	1	4	0	0	841

NIPPON SHOKUBAI CO., LTD.

Patents By Year of Grant:	101	29	40	49	66	66	94	83	63	41	43	47	39	26	41	828
Patents By Year of Application:	177	73	50	70	102	94	79	64	48	26	27	14	4	0	0	828

ISIS PHARMACEUTICALS, INC.

Patents By Year of Grant:	46	42	39	77	114	106	110	65	55	45	26	29	18	17	38	827
Patents By Year of Application:	187	44	112	140	101	81	67	25	29	12	9	11	7	2	0	827

BAYER CORPORATION

Patents By Year of Grant:	106	81	129	115	116	90	101	49	15	11	6	4	1	1	1	826
Patents By Year of Application:	339	126	123	102	65	40	25	3	2	1	0	0	0	0	0	826

ZENECA LIMITED

Patents By Year of Grant:	227	93	138	134	98	79	33	10	8	4	0	1	0	0	0	825
Patents By Year of Application:	490	114	99	76	32	7	5	2	0	0	0	0	0	0	0	825

UNITED STATES OF AMERICA, ARMY

Patents By Year of Grant:	205	41	41	39	36	48	46	49	46	43	56	51	33	31	54	819
Patents By Year of Application:	313	35	52	48	52	52	68	58	47	38	32	16	6	2	0	819

ASTRAZENECA AB

Patents By Year of Grant:	0	0	0	0	8	33	71	73	69	83	97	91	99	82	108	814
Patents By Year of Application:	4	8	25	44	80	117	167	139	78	49	44	39	15	5	0	814

BRIDGESTONE CORPORATION

Patents By Year of Grant:	202	27	33	47	45	78	72	51	47	26	27	26	35	39	59	814
Patents By Year of Application:	280	57	67	58	73	63	51	45	36	36	27	15	5	1	0	814

MITSUI CHEMICALS, INCORPORATED

Patents By Year of Grant:	0	0	40	96	93	101	99	65	67	56	39	39	28	34	52	809
Patents By Year of Application:	75	106	95	77	88	98	90	66	44	40	14	9	7	0	0	809

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

Patents By Year of Grant:	0	0	0	0	0	0	0	58	102	94	107	107	101	105	134	808
Patents By Year of Application:	0	0	1	3	11	91	137	183	144	115	51	53	13	6	0	808

MITSUBISHI GAS-CHEMICAL COMPANY, INC.

Patents By Year of Grant:	257	33	43	60	37	47	41	43	35	25	44	37	29	27	24	782
Patents By Year of Application:	335	45	45	47	43	50	53	43	54	23	16	21	5	2	0	782



CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>RENESAS TECHNOLOGY CORPORATION</b>																
Patents By Year of Grant:	0	0	0	0	0	0	0	9	190	116	89	90	81	94	59	728
Patents By Year of Application:	0	1	0	3	11	61	147	144	110	68	72	74	32	4	1	728
<b>JOHNS HOPKINS UNIVERSITY</b>																
Patents By Year of Grant:	94	33	65	75	59	58	59	38	45	28	33	22	41	33	43	726
Patents By Year of Application:	256	49	80	57	61	57	41	41	37	13	15	14	4	1	0	726
<b>NITTO DENKO CORPORATION</b>																
Patents By Year of Grant:	97	27	26	31	42	48	45	41	40	35	54	48	45	53	91	723
Patents By Year of Application:	156	39	38	54	46	58	53	67	79	59	27	28	15	4	0	723
<b>PPG INDUSTRIES OHIO INC.</b>																
Patents By Year of Grant:	0	0	0	58	83	91	54	66	55	44	49	37	69	43	73	722
Patents By Year of Application:	32	47	83	100	58	61	62	82	64	48	43	27	14	1	0	722
<b>CALIFORNIA INSTITUTE OF TECHNOLOGY</b>																
Patents By Year of Grant:	71	24	57	38	44	54	49	56	62	36	41	52	40	39	57	720
Patents By Year of Application:	179	41	49	70	68	85	57	38	41	38	25	24	5	0	0	720
<b>GENERAL MOTORS CORPORATION</b>																
Patents By Year of Grant:	243	31	25	20	24	13	30	37	50	65	52	54	53	20	3	720
Patents By Year of Application:	291	27	24	27	27	54	81	102	73	12	2	0	0	0	0	720
<b>STANFORD UNIVERSITY</b>																
Patents By Year of Grant:	122	32	39	41	48	42	49	42	23	33	39	35	42	53	79	719
Patents By Year of Application:	233	43	46	53	45	54	53	50	27	35	32	38	8	2	0	719
<b>CHISSO CORPORATION</b>																
Patents By Year of Grant:	233	34	46	41	37	75	47	40	23	10	18	12	28	35	39	718
Patents By Year of Application:	307	48	50	63	56	39	24	23	8	24	26	25	19	6	0	718
<b>UNION CARBIDE CHEMICALS &amp; PLASTICS TECHNOLOGY CORPORATION</b>																
Patents By Year of Grant:	366	28	61	52	45	58	41	24	7	6	4	4	6	5	1	708
Patents By Year of Application:	466	59	42	49	48	13	9	10	10	1	1	0	0	0	0	708
<b>MURATA MANUFACTURING CO., LTD.</b>																
Patents By Year of Grant:	122	24	43	41	46	53	100	76	56	28	21	20	22	27	28	707
Patents By Year of Application:	188	44	39	72	92	84	53	42	28	8	8	27	17	3	2	707
<b>SCHERING AKTIENGESELLSCHAFT</b>																
Patents By Year of Grant:	232	42	52	43	54	33	26	40	36	31	45	32	27	8	0	701
Patents By Year of Application:	367	34	45	36	46	40	42	39	23	17	12	0	0	0	0	701

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---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>CHARTERED SEMICONDUCTOR MANUFACTURING LTD.</b>																
Patents By Year of Grant:	20	29	25	30	71	111	115	75	54	36	38	27	18	19	27	695
Patents By Year of Application:	72	34	47	121	109	79	81	48	32	32	22	8	9	1	0	695
<b>IDEMITSU KOSAN COMPANY LIMITED</b>																
Patents By Year of Grant:	260	22	27	35	35	28	28	26	23	19	28	24	34	38	59	686
Patents By Year of Application:	321	44	25	26	32	27	49	42	28	45	28	13	4	2	0	686
<b>BECTON, DICKINSON AND COMPANY</b>																
Patents By Year of Grant:	210	84	78	51	39	28	26	22	18	19	15	17	20	23	32	682
Patents By Year of Application:	366	73	26	44	33	24	29	22	25	10	15	6	4	5	0	682
<b>CORNELL RESEARCH FOUNDATION INC.</b>																
Patents By Year of Grant:	150	37	45	43	38	45	26	40	32	29	45	34	33	29	53	679
Patents By Year of Application:	266	47	44	34	50	42	47	32	26	38	32	14	5	2	0	679
<b>UNIVERSITY OF PENNSYLVANIA</b>																
Patents By Year of Grant:	130	49	60	47	27	44	37	24	25	35	36	32	34	30	67	677
Patents By Year of Application:	270	50	25	43	45	46	42	50	32	31	22	12	5	4	0	677
<b>AMGEN, INC.</b>																
Patents By Year of Grant:	54	25	36	38	36	45	26	27	22	37	59	47	58	66	98	674
Patents By Year of Application:	174	36	41	28	41	41	45	50	47	62	44	36	25	4	0	674
<b>LAM RESEARCH CORPORATION</b>																
Patents By Year of Grant:	18	11	16	30	51	61	46	51	49	56	52	54	39	59	77	670
Patents By Year of Application:	75	39	34	60	62	54	63	72	59	47	60	28	15	2	0	670
<b>UNILEVER HOME &amp; PERSONAL CARE USA, DIVISION OF CONOPCO, INC.</b>																
Patents By Year of Grant:	0	0	0	1	20	76	128	118	104	70	61	32	32	15	13	670
Patents By Year of Application:	0	0	6	87	132	154	133	90	50	14	0	3	1	0	0	670
<b>NIPPON STEEL CORP.</b>																
Patents By Year of Grant:	228	52	44	32	28	27	42	44	27	27	17	11	17	19	50	665
Patents By Year of Application:	326	41	23	40	39	53	47	38	26	10	12	8	2	0	0	665
<b>TOYOTA JIDOSHA K.K.</b>																
Patents By Year of Grant:	113	14	44	46	47	28	31	36	33	23	29	23	37	52	103	659
Patents By Year of Application:	189	51	36	47	30	47	42	47	58	51	39	13	5	2	2	659
<b>LUCENT TECHNOLOGIES INC.</b>																
Patents By Year of Grant:	30	75	76	126	142	104	23	28	17	10	6	8	12	0	1	658
Patents By Year of Application:	221	97	121	127	30	18	21	7	6	6	4	0	0	0	0	658

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---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
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DAICEL CHEMICAL INDUSTRIES LTD.

Patents By Year of Grant:	171	29	47	49	45	40	56	43	29	34	26	22	15	11	39	656
Patents By Year of Application:	248	53	48	47	57	54	37	36	23	23	16	8	3	3	0	656

GENERAL HOSPITAL CORPORATION

Patents By Year of Grant:	91	38	54	66	47	58	40	45	31	30	39	33	30	24	30	656
Patents By Year of Application:	270	60	45	58	52	42	27	31	30	16	6	11	8	0	0	656

AMERICAN HOME PRODUCTS CORPORATION

Patents By Year of Grant:	345	34	48	46	46	72	60	2	1	0	0	1	0	0	0	655
Patents By Year of Application:	426	37	43	73	59	15	2	0	0	0	0	0	0	0	0	655

UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY

Patents By Year of Grant:	378	26	22	32	26	34	23	23	20	8	10	12	6	13	17	650
Patents By Year of Application:	443	34	22	25	28	24	20	14	11	8	11	5	2	3	0	650

HUMAN GENOME SCIENCES, INC.

Patents By Year of Grant:	4	12	28	63	47	31	86	84	47	59	58	38	41	29	18	645
Patents By Year of Application:	94	69	78	72	70	63	72	29	40	24	19	10	3	2	0	645

LSI LOGIC CORPORATION

Patents By Year of Grant:	82	42	45	56	73	43	58	73	59	53	38	9	9	3	0	643
Patents By Year of Application:	182	65	67	43	52	83	62	63	18	6	0	1	1	0	0	643

COMMISSARIAT A L'ENERGIE ATOMIQUE

Patents By Year of Grant:	106	21	29	35	23	29	35	41	33	30	36	39	30	55	97	639
Patents By Year of Application:	163	40	17	38	41	62	77	57	43	35	25	22	16	2	1	639

MILLENNIUM PHARMACEUTICALS, INC.

Patents By Year of Grant:	0	4	15	32	49	75	89	77	49	46	53	41	35	31	40	636
Patents By Year of Application:	40	61	73	90	67	98	60	41	24	29	24	19	10	0	0	636

OKI ELECTRIC INDUSTRY CO., LTD.

Patents By Year of Grant:	61	5	2	26	26	47	64	70	88	74	60	56	49	4	3	635
Patents By Year of Application:	74	16	40	43	69	64	105	85	55	48	26	6	3	1	0	635

UNIVERSITY OF MICHIGAN

Patents By Year of Grant:	73	41	34	40	55	31	32	31	33	44	46	29	50	35	58	632
Patents By Year of Application:	190	47	38	40	42	45	54	48	37	29	32	20	7	3	0	632

NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION

Patents By Year of Grant:	206	40	41	52	33	52	44	39	38	22	29	19	16	0	0	631
Patents By Year of Application:	288	50	55	51	37	47	45	26	16	11	3	2	0	0	0	631

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>RHONE-POULENC CHIMIE</b>																
Patents By Year of Grant:	397	70	79	48	16	11	2	2	4	0	0	0	0	0	0	629
Patents By Year of Application:	561	48	10	5	3	1	1	0	0	0	0	0	0	0	0	629
<b>AMOCO CORPORATION</b>																
Patents By Year of Grant:	514	48	55	10	0	0	0	0	0	0	0	0	0	0	0	627
Patents By Year of Application:	607	19	1	0	0	0	0	0	0	0	0	0	0	0	0	627
<b>CHIRON CORPORATION</b>																
Patents By Year of Grant:	76	70	80	63	63	54	52	38	37	26	38	21	8	0	1	627
Patents By Year of Application:	354	42	32	39	46	33	32	28	15	3	1	2	0	0	0	627
<b>SCRIPPS RESEARCH INSTITUTE</b>																
Patents By Year of Grant:	124	26	57	41	36	54	32	26	19	28	40	30	42	32	33	620
Patents By Year of Application:	259	35	56	37	39	38	29	28	28	31	19	16	4	1	0	620
<b>BOEING COMPANY</b>																
Patents By Year of Grant:	148	25	29	39	24	27	20	31	41	32	27	25	31	45	70	614
Patents By Year of Application:	235	32	24	16	19	33	48	60	32	41	31	25	13	4	1	614
<b>DONGBU ELECTRONICS CO., LTD.</b>																
Patents By Year of Grant:	0	0	0	0	2	2	7	7	20	15	54	150	154	139	63	613
Patents By Year of Application:	0	0	0	5	6	1	23	53	185	193	124	12	6	5	0	613
<b>FREESCALE SEMICONDUCTOR, INC.</b>																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	37	77	72	100	91	104	129	610
Patents By Year of Application:	0	0	0	1	3	6	49	76	95	138	128	80	25	8	1	610
<b>TEIJIN LIMITED</b>																
Patents By Year of Grant:	212	43	33	35	37	49	50	43	35	17	12	10	10	9	14	609
Patents By Year of Application:	295	31	41	52	44	62	40	21	13	5	3	0	1	1	0	609
<b>KANEKA CORPORATION</b>																
Patents By Year of Grant:	0	1	11	19	34	81	72	60	51	28	58	50	51	26	59	601
Patents By Year of Application:	8	22	48	70	85	99	94	59	41	46	13	13	3	0	0	601
<b>NATIONAL SEMICONDUCTOR CORPORATION</b>																
Patents By Year of Grant:	159	26	30	39	37	42	41	23	25	21	26	34	26	30	42	601
Patents By Year of Application:	216	37	43	45	32	27	28	24	52	34	22	30	7	4	0	601
<b>JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY</b>																
Patents By Year of Grant:	260	54	46	39	56	52	33	30	10	5	7	2	0	0	1	595
Patents By Year of Application:	357	51	48	51	65	5	9	4	4	1	0	0	0	0	0	595





CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
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HEWLETT-PACKARD COMPANY

Patents By Year of Grant:	257	38	43	47	43	33	40	18	0	1	1	0	0	0	0	521
Patents By Year of Application:	334	55	42	32	28	29	1	0	0	0	0	0	0	0	0	521

MITSUI PETROCHEMICAL INDUSTRIES LTD.

Patents By Year of Grant:	379	70	49	10	8	1	1	0	0	0	0	0	0	0	0	518
Patents By Year of Application:	493	24	0	1	0	0	0	0	0	0	0	0	0	0	0	518

NALCO CHEMICAL COMPANY

Patents By Year of Grant:	317	34	31	32	38	36	29	0	0	0	0	0	0	0	0	517
Patents By Year of Application:	388	31	35	33	26	4	0	0	0	0	0	0	0	0	0	517

ROBERT BOSCH GMBH

Patents By Year of Grant:	78	25	21	23	17	43	32	46	54	35	28	28	23	31	33	517
Patents By Year of Application:	127	24	27	56	43	59	71	45	28	20	8	5	3	1	0	517

DENSO CORPORATION

Patents By Year of Grant:	0	0	9	30	40	47	37	50	45	39	46	32	42	39	57	513
Patents By Year of Application:	14	43	39	51	36	56	56	61	40	33	34	31	13	6	0	513

RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK

Patents By Year of Grant:	118	27	29	38	29	29	38	16	22	13	30	22	23	30	45	509
Patents By Year of Application:	194	32	30	34	35	24	27	25	30	27	25	14	9	3	0	509

UBE INDUSTRIES LTD.

Patents By Year of Grant:	176	22	25	29	21	21	26	40	20	23	14	27	11	16	30	501
Patents By Year of Application:	223	29	22	21	28	37	37	31	32	19	13	6	1	2	0	501

NISSAN MOTOR COMPANY, LIMITED

Patents By Year of Grant:	74	14	14	14	19	14	21	33	29	41	39	43	38	43	63	499
Patents By Year of Application:	108	20	17	13	26	57	61	70	53	34	17	18	4	1	0	499

DOW CORNING TORAY SILICONE COMPANY LIMITED

Patents By Year of Grant:	188	33	40	62	30	47	38	19	10	2	7	12	6	2	2	498
Patents By Year of Application:	262	47	37	43	34	39	22	11	1	0	1	1	0	0	0	498

BOEHRINGER MANNHEIM G.M.B.H.

Patents By Year of Grant:	311	59	69	38	12	5	0	2	1	0	0	0	0	0	0	497
Patents By Year of Application:	452	32	9	2	2	0	0	0	0	0	0	0	0	0	0	497

KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)

Patents By Year of Grant:	112	15	26	26	26	39	28	37	28	14	18	25	28	33	39	494
Patents By Year of Application:	160	31	19	35	32	39	39	27	31	33	27	10	7	4	0	494

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>NIPPON PAINT CO., LTD.</b>																
Patents By Year of Grant:	281	33	33	27	17	15	24	15	15	7	9	4	5	3	4	492
Patents By Year of Application:	350	29	12	18	14	31	13	13	4	5	1	2	0	0	0	492
<b>VANGUARD INTERNATIONAL SEMICONDUCTOR CORPORATION</b>																
Patents By Year of Grant:	21	50	98	80	86	74	48	15	8	3	3	1	0	0	4	491
Patents By Year of Application:	134	98	84	71	61	21	10	4	3	0	1	1	1	2	0	491
<b>FMC CORPORATION</b>																
Patents By Year of Grant:	205	36	46	36	37	29	26	14	14	10	5	4	3	9	15	489
Patents By Year of Application:	289	49	36	22	26	18	17	8	8	5	6	3	2	0	0	489
<b>BAXTER INTERNATIONAL INC.</b>																
Patents By Year of Grant:	113	30	47	41	32	43	26	30	18	19	29	16	17	6	20	487
Patents By Year of Application:	221	45	37	28	31	36	25	22	10	16	2	8	4	2	0	487
<b>HITACHI CHEMICAL COMPANY, LTD.</b>																
Patents By Year of Grant:	140	25	21	36	21	31	22	14	21	18	17	27	15	33	46	487
Patents By Year of Application:	198	32	30	21	23	33	29	22	31	29	18	11	8	2	0	487
<b>ISP INVESTMENTS INC.</b>																
Patents By Year of Grant:	236	32	23	23	23	33	23	29	8	10	19	7	7	3	11	487
Patents By Year of Application:	286	17	38	25	20	27	17	21	16	9	10	0	1	0	0	487
<b>SEAGATE TECHNOLOGY, LLC</b>																
Patents By Year of Grant:	18	4	22	24	38	38	42	65	71	39	29	24	25	16	30	485
Patents By Year of Application:	48	32	45	39	47	84	49	62	40	15	14	7	2	1	0	485
<b>SMITHKLINE BEECHAM PLC</b>																
Patents By Year of Grant:	23	33	47	67	71	67	41	27	21	17	22	24	17	3	5	485
Patents By Year of Application:	130	63	62	60	36	45	51	17	8	2	9	1	0	1	0	485
<b>MITSUBISHI RAYON CO., LTD.</b>																
Patents By Year of Grant:	228	8	5	22	18	22	25	31	22	22	16	9	16	18	22	484
Patents By Year of Application:	243	27	13	19	34	34	48	25	18	10	8	3	2	0	0	484
<b>PHARMACIA &amp; UPJOHN COMPANY</b>																
Patents By Year of Grant:	0	21	40	48	40	44	56	66	53	48	30	13	14	3	6	482
Patents By Year of Application:	77	52	34	44	59	91	59	46	6	6	4	2	1	1	0	482
<b>GLAXO GROUP LIMITED</b>																
Patents By Year of Grant:	138	26	14	20	14	21	3	5	1	8	14	48	39	68	60	479
Patents By Year of Application:	194	18	9	11	11	11	37	48	41	30	34	22	9	4	0	479

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															TOTAL
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
<b>AGILENT TECHNOLOGIES, INC.</b>																
Patents By Year of Grant:	0	0	0	0	19	52	42	39	53	61	64	45	40	38	25	478
Patents By Year of Application:	5	3	28	64	52	77	84	68	31	34	23	4	4	1	0	478
<b>KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY</b>																
Patents By Year of Grant:	101	20	34	34	23	22	32	24	42	22	30	21	13	24	31	473
Patents By Year of Application:	157	30	20	24	35	39	52	29	27	14	23	16	6	1	0	473
<b>KAWASAKI STEEL CORPORATION</b>																
Patents By Year of Grant:	213	33	34	36	38	43	42	29	1	1	0	0	0	0	0	470
Patents By Year of Application:	286	38	38	34	34	31	8	1	0	0	0	0	0	0	0	470
<b>SHIN-ETSU HANDOTAI CO., LTD.</b>																
Patents By Year of Grant:	99	25	39	57	35	38	28	30	18	21	14	20	14	17	14	469
Patents By Year of Application:	174	45	39	42	30	38	30	32	18	9	8	2	1	1	0	469
<b>AT&amp;T CORP.</b>																
Patents By Year of Grant:	467	1	0	0	0	0	0	0	0	0	0	0	0	0	0	468
Patents By Year of Application:	468	0	0	0	0	0	0	0	0	0	0	0	0	0	0	468
<b>DSM N.V.</b>																
Patents By Year of Grant:	85	20	35	34	66	70	59	58	31	7	3	0	0	0	0	468
Patents By Year of Application:	155	47	68	65	52	49	27	5	0	0	0	0	0	0	0	468
<b>HOYA CORPORATION</b>																
Patents By Year of Grant:	56	9	13	29	26	23	27	31	44	25	30	33	30	35	56	467
Patents By Year of Application:	81	35	23	26	38	35	51	50	42	34	23	13	12	4	0	467
<b>TOSOH CORPORATION</b>																
Patents By Year of Grant:	183	18	24	30	25	23	25	21	18	23	19	14	10	18	15	466
Patents By Year of Application:	236	34	21	17	21	31	28	24	24	10	11	6	3	0	0	466
<b>DELPHI TECHNOLOGIES, INC.</b>																
Patents By Year of Grant:	0	0	0	0	13	17	59	73	92	45	47	38	21	29	28	462
Patents By Year of Application:	1	2	6	39	98	88	90	42	27	38	17	7	5	2	0	462
<b>BATTELLE MEMORIAL INSTITUTE</b>																
Patents By Year of Grant:	87	14	22	26	23	23	24	45	40	24	32	17	19	28	36	460
Patents By Year of Application:	130	20	33	31	32	59	34	43	23	17	19	11	5	3	0	460
<b>LG CHEMICAL LTD.</b>																
Patents By Year of Grant:	0	6	11	7	3	13	21	14	15	22	22	40	56	96	130	456
Patents By Year of Application:	15	7	7	14	25	14	37	44	46	97	105	30	12	3	0	456

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>WESTINGHOUSE ELECTRIC CORP.</b>																
Patents By Year of Grant:	405	22	20	5	3	0	0	0	0	0	0	0	0	0	0	455
Patents By Year of Application:	443	11	1	0	0	0	0	0	0	0	0	0	0	0	0	455
<b>ECOLAB INC.</b>																
Patents By Year of Grant:	76	10	10	19	19	31	37	46	35	23	31	20	28	33	34	452
Patents By Year of Application:	111	22	16	34	50	36	45	42	30	25	12	8	12	9	0	452
<b>FUJISAWA PHARMACEUTICAL CO., LTD.</b>																
Patents By Year of Grant:	204	35	24	21	25	40	45	22	16	16	3	0	0	1	0	452
Patents By Year of Application:	264	24	29	42	39	26	19	7	1	1	0	0	0	0	0	452
<b>CABOT CORPORATION</b>																
Patents By Year of Grant:	48	7	16	37	38	29	48	30	22	31	31	26	16	29	36	444
Patents By Year of Application:	97	51	28	44	32	42	46	33	23	15	22	7	2	2	0	444
<b>CLARIANT GMBH</b>																
Patents By Year of Grant:	0	0	15	53	68	59	74	63	30	32	47	2	0	0	0	443
Patents By Year of Application:	24	38	79	66	76	68	44	35	11	2	0	0	0	0	0	443
<b>KANSAI PAINT CO., LTD.</b>																
Patents By Year of Grant:	157	22	29	22	29	27	34	33	28	18	10	5	5	12	12	443
Patents By Year of Application:	209	22	33	22	37	33	40	18	14	7	3	5	0	0	0	443
<b>CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS</b>																
Patents By Year of Grant:	83	12	12	21	17	20	20	32	17	26	31	29	28	41	53	442
Patents By Year of Application:	121	16	21	25	46	42	51	39	42	21	8	4	3	2	1	442
<b>UNIVERSITY OF MINNESOTA, THE REGENTS OF</b>																
Patents By Year of Grant:	106	25	36	32	30	28	31	23	26	21	21	19	10	17	16	441
Patents By Year of Application:	202	26	28	37	30	30	21	20	15	8	17	5	2	0	0	441
<b>ALCOA INC.</b>																
Patents By Year of Grant:	198	19	26	27	18	21	25	22	18	14	12	9	10	6	14	439
Patents By Year of Application:	251	24	16	20	24	25	17	29	6	10	6	8	1	0	2	439
<b>AVERY DENNISON CORPORATION</b>																
Patents By Year of Grant:	80	35	32	32	35	24	33	47	37	18	14	10	12	15	15	439
Patents By Year of Application:	170	46	36	24	40	28	38	18	15	13	8	2	1	0	0	439
<b>MILLIKEN &amp; COMPANY</b>																
Patents By Year of Grant:	0	0	0	32	25	29	57	72	49	44	36	19	22	23	31	439
Patents By Year of Application:	16	16	22	44	52	89	52	63	23	13	23	11	11	4	0	439

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL	

GENENCOR INTERNATIONAL, INC.

Patents By Year of Grant:	68	15	25	21	20	42	30	40	22	25	31	26	42	20	6	433
Patents By Year of Application:	147	27	26	28	41	32	31	24	39	14	10	10	4	0	0	433

IDEMITSU PETROCHEMICAL COMPANY LTD.

Patents By Year of Grant:	157	14	26	23	31	41	48	30	49	9	3	1	1	0	0	433
Patents By Year of Application:	199	31	28	43	46	37	39	8	2	0	0	0	0	0	0	433

ELF ATOCHEM S.A.

Patents By Year of Grant:	122	46	61	68	63	32	17	13	3	4	0	1	0	0	0	430
Patents By Year of Application:	239	79	64	26	14	2	5	1	0	0	0	0	0	0	0	430

ETHYL CORPORATION

Patents By Year of Grant:	362	14	10	8	11	7	4	6	4	4	0	0	0	0	0	430
Patents By Year of Application:	385	11	9	8	4	4	8	1	0	0	0	0	0	0	0	430

HERCULES INCORPORATED

Patents By Year of Grant:	190	33	29	22	32	36	28	17	7	6	5	8	4	8	4	429
Patents By Year of Application:	264	34	31	22	29	12	9	9	6	5	3	4	1	0	0	429

L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE

Patents By Year of Grant:	113	13	23	42	31	51	34	29	9	16	15	13	13	10	17	429
Patents By Year of Application:	157	33	38	42	47	27	19	25	20	10	5	5	0	1	0	429

UNITED STATES OF AMERICA, AIR FORCE

Patents By Year of Grant:	181	24	17	28	26	26	17	22	18	15	7	6	10	16	15	428
Patents By Year of Application:	227	21	31	22	18	19	23	18	18	9	10	6	5	1	0	428

HUELS AKTIENGESELLSCHAFT

Patents By Year of Grant:	219	35	51	54	44	19	2	1	0	0	0	0	0	0	0	425
Patents By Year of Application:	291	70	45	17	1	1	0	0	0	0	0	0	0	0	0	425

NOVELLUS SYSTEMS, INC.

Patents By Year of Grant:	9	4	5	5	19	31	23	38	40	35	30	55	39	40	52	425
Patents By Year of Application:	22	12	15	20	33	56	58	40	57	39	33	26	10	3	1	425

NISSAN CHEMICAL INDUSTRIES, LTD.

Patents By Year of Grant:	127	15	33	34	31	22	23	15	12	12	13	10	13	24	37	421
Patents By Year of Application:	172	35	32	18	20	22	30	25	24	18	14	6	3	2	0	421

BP CHEMICALS LIMITED

Patents By Year of Grant:	140	24	31	28	23	27	40	28	16	14	14	13	9	4	9	420
Patents By Year of Application:	200	31	20	32	36	35	22	22	8	7	4	2	0	1	0	420

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>RHODIA CHIMIE</b>																
Patents By Year of Grant:	0	0	0	11	37	57	69	58	36	33	27	29	11	19	27	414
Patents By Year of Application:	4	11	39	56	70	83	69	35	21	18	3	4	1	0	0	414
<b>NORTH CAROLINA STATE UNIVERSITY</b>																
Patents By Year of Grant:	82	16	14	17	13	24	22	33	36	24	23	20	32	25	27	408
Patents By Year of Application:	124	18	18	21	33	40	40	27	25	19	23	12	8	0	0	408
<b>TOKYO OHKA KOGYO CO., LTD.</b>																
Patents By Year of Grant:	44	13	25	33	28	34	19	24	31	16	17	17	25	30	50	406
Patents By Year of Application:	83	35	28	31	21	28	34	19	45	37	22	8	14	1	0	406
<b>LG SEMICON CO., LTD.</b>																
Patents By Year of Grant:	17	55	87	106	95	24	14	4	1	1	0	0	0	0	0	404
Patents By Year of Application:	160	121	84	27	6	3	2	1	0	0	0	0	0	0	0	404
<b>ENGELHARD CORPORATION</b>																
Patents By Year of Grant:	102	12	21	35	39	30	36	38	28	22	21	12	5	0	1	402
Patents By Year of Application:	154	35	29	28	44	37	37	19	13	6	0	0	0	0	0	402
<b>STINE SEED FARM, INC.</b>																
Patents By Year of Grant:	9	0	5	14	10	47	6	26	37	41	61	54	31	33	28	402
Patents By Year of Application:	9	7	13	24	35	28	48	60	28	28	46	55	21	0	0	402
<b>VERTEX PHARMACEUTICALS, INC.</b>																
Patents By Year of Grant:	5	7	20	21	19	13	13	40	24	17	24	33	44	46	75	401
Patents By Year of Application:	55	14	11	15	21	40	40	51	49	30	38	25	7	5	0	401
<b>ALBEMARLE CORPORATION</b>																
Patents By Year of Grant:	69	35	43	44	39	36	24	28	24	7	15	11	10	6	9	400
Patents By Year of Application:	128	50	47	40	34	23	32	12	9	6	10	9	0	0	0	400
<b>EISAI CO., LTD.</b>																
Patents By Year of Grant:	139	36	28	17	11	25	23	25	23	15	25	19	9	3	2	400
Patents By Year of Application:	206	20	14	20	24	33	50	19	5	6	1	2	0	0	0	400
<b>PRAXAIR TECHNOLOGY, INC.</b>																
Patents By Year of Grant:	64	18	27	37	29	35	29	30	20	10	13	17	21	22	28	400
Patents By Year of Application:	105	52	30	28	39	26	23	18	15	22	22	10	9	1	0	400
<b>TOYO BOSEKI KABUSHIKI KAISHA</b>																
Patents By Year of Grant:	97	19	25	27	25	32	22	29	20	18	15	16	14	21	20	400
Patents By Year of Application:	150	30	21	30	33	33	30	31	20	5	5	10	0	2	0	400

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL	
<b>DUKE UNIVERSITY</b>																	
Patents By Year of Grant:	67	14	19	25	22	33	25	23	16	21	40	20	19	19	34	397	
Patents By Year of Application:	132	19	26	36	21	36	34	30	12	17	14	14	6	0	0	397	
<b>JSR CORPORATION</b>																	
Patents By Year of Grant:	0	0	4	17	26	27	39	41	49	34	48	35	29	26	21	396	
Patents By Year of Application:	1	21	35	23	42	53	71	53	39	29	16	7	3	3	0	396	
<b>MERCK SHARP &amp; DOHME LIMITED</b>																	
Patents By Year of Grant:	78	49	28	30	40	25	25	18	10	18	21	20	13	8	8	391	
Patents By Year of Application:	146	33	39	26	25	27	26	36	16	9	4	2	1	1	0	391	
<b>LUDWIG INSTITUTE FOR CANCER RESEARCH</b>																	
Patents By Year of Grant:	40	22	45	35	39	50	38	21	24	6	19	9	15	12	13	388	
Patents By Year of Application:	143	31	55	51	32	21	19	10	12	8	2	1	3	0	0	388	
<b>APPLERA CORPORATION</b>																	
Patents By Year of Grant:	0	0	0	0	0	3	26	58	82	62	58	49	42	4	0	384	
Patents By Year of Application:	0	0	1	4	37	97	100	72	44	17	12	0	0	0	0	384	
<b>SHIPLEY COMPANY INC.</b>																	
Patents By Year of Grant:	87	15	14	18	22	17	26	44	55	37	23	22	2	1	1	384	
Patents By Year of Application:	123	24	24	16	33	66	48	34	10	3	2	1	0	0	0	384	
<b>SANDIA CORPORATION</b>																	
Patents By Year of Grant:	15	9	26	37	31	36	32	30	23	15	14	26	27	32	30	383	
Patents By Year of Application:	56	32	38	35	32	33	33	22	28	22	24	14	11	2	1	383	
<b>UNIVERSITY OF NORTH CAROLINA</b>																	
Patents By Year of Grant:	70	32	24	37	24	29	17	23	13	16	15	18	17	15	32	382	
Patents By Year of Application:	144	37	19	25	26	23	23	24	23	15	12	7	2	2	0	382	
<b>OLIN CORPORATION</b>																	
Patents By Year of Grant:	316	19	10	9	4	4	4	2	5	5	1	1	0	0	0	380	
Patents By Year of Application:	346	8	5	4	3	8	1	3	2	0	0	0	0	0	0	380	
<b>SHARP LABORATORIES OF AMERICA, INC.</b>																	
Patents By Year of Grant:	0	0	0	8	15	23	30	56	46	33	49	48	38	16	18	380	
Patents By Year of Application:	3	7	20	17	22	57	48	53	57	51	28	16	1	0	0	380	
<b>IMMUNEX CORPORATION</b>																	
Patents By Year of Grant:	61	12	21	17	23	23	24	37	16	18	28	38	20	13	26	377	
Patents By Year of Application:	119	16	33	16	41	33	40	19	16	8	11	14	9	2	0	377	

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>SANDOZ LTD.</b>																
Patents By Year of Grant:	295	52	20	10	0	0	0	0	0	0	0	0	0	0	0	377
Patents By Year of Application:	369	8	0	0	0	0	0	0	0	0	0	0	0	0	0	377
<b>LG. PHILIPS LCD CO., LTD.</b>																
Patents By Year of Grant:	0	0	0	1	2	23	42	51	52	39	59	57	46	1	0	373
Patents By Year of Application:	2	1	13	30	47	47	69	56	70	33	4	1	0	0	0	373
<b>IOWA STATE UNIVERSITY RESEARCH FOUNDATION INC.</b>																
Patents By Year of Grant:	114	22	35	28	22	19	11	15	15	9	15	19	6	23	19	372
Patents By Year of Application:	180	31	23	15	19	13	17	14	15	15	17	5	8	0	0	372
<b>UNIVERSITY OF ILLINOIS</b>																
Patents By Year of Grant:	45	6	10	17	14	20	18	25	30	21	28	26	25	39	48	372
Patents By Year of Application:	71	13	15	29	34	25	34	44	25	32	27	15	7	1	0	372
<b>FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.</b>																
Patents By Year of Grant:	49	19	22	28	25	22	35	36	26	18	19	11	19	16	25	370
Patents By Year of Application:	94	31	23	31	42	58	35	22	12	9	10	1	1	1	0	370
<b>FINA TECHNOLOGY, INC.</b>																
Patents By Year of Grant:	46	5	15	15	19	25	34	19	27	29	31	23	30	27	22	367
Patents By Year of Application:	84	16	15	29	24	19	36	37	25	37	18	14	11	2	0	367
<b>WASHINGTON UNIVERSITY</b>																
Patents By Year of Grant:	83	18	34	45	33	34	16	16	12	12	12	10	13	9	20	367
Patents By Year of Application:	186	35	29	14	23	14	12	17	11	10	6	5	5	0	0	367
<b>ALZA CORPORATION</b>																
Patents By Year of Grant:	138	28	22	41	23	25	17	16	6	12	12	11	6	8	1	366
Patents By Year of Application:	208	34	23	29	21	15	9	9	10	6	0	2	0	0	0	366
<b>HALLIBURTON ENERGY SERVICES, INC.</b>																
Patents By Year of Grant:	0	1	7	10	12	13	16	32	22	24	30	40	41	55	63	366
Patents By Year of Application:	7	14	7	17	16	21	46	41	47	62	46	23	8	11	0	366
<b>ROCKEFELLER UNIVERSITY</b>																
Patents By Year of Grant:	84	20	35	34	42	25	31	11	14	5	18	3	17	17	10	366
Patents By Year of Application:	187	28	30	33	19	18	13	4	12	10	8	0	1	2	1	366
<b>DAINIPPON INK + CHEMICALS, INC.</b>																
Patents By Year of Grant:	101	11	16	20	23	19	21	37	26	22	18	17	10	8	14	363
Patents By Year of Application:	134	22	13	24	29	47	32	29	12	12	9	0	0	0	0	363

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
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OWENS-CORNING FIBERGLAS TECHNOLOGY, INC.

Patents By Year of Grant:	62	49	47	45	30	31	21	16	24	11	11	14	0	0	0	361
Patents By Year of Application:	170	49	28	28	21	25	22	12	6	0	0	0	0	0	0	361

NEC ELECTRONICS CORPORATION

Patents By Year of Grant:	0	0	0	0	0	0	0	66	53	42	28	36	30	47	57	359
Patents By Year of Application:	0	2	1	4	23	47	61	45	39	30	43	37	17	10	0	359

ADIR ET COMPAGNIE

Patents By Year of Grant:	209	46	28	22	27	24	2	0	0	0	0	0	0	0	0	358
Patents By Year of Application:	271	27	18	19	21	2	0	0	0	0	0	0	0	0	0	358

SOLVAY (SOCIETE ANONYME)

Patents By Year of Grant:	95	22	19	19	20	27	23	20	22	13	18	12	6	14	26	356
Patents By Year of Application:	160	19	19	17	27	28	20	13	18	12	13	8	2	0	0	356

EBARA CORPORATION

Patents By Year of Grant:	25	12	17	24	30	16	38	31	41	26	12	29	20	22	11	354
Patents By Year of Application:	67	25	28	19	44	51	39	26	32	13	6	3	1	0	0	354

CHUGAI SEIYAKU KABUSHIKI KAISHA

Patents By Year of Grant:	25	8	14	25	18	22	26	35	28	24	24	21	16	18	47	351
Patents By Year of Application:	59	19	33	24	46	37	43	34	28	13	7	5	1	2	0	351

INTERNATIONAL FLAVORS + FRAGRANCES INC

Patents By Year of Grant:	139	12	13	3	17	19	19	13	7	11	18	21	17	25	17	351
Patents By Year of Application:	159	9	9	24	19	18	16	21	15	14	14	13	15	3	2	351

CLARIANT FINANCE (BVI) LIMITED

Patents By Year of Grant:	6	19	34	36	32	26	40	38	39	19	24	9	5	5	15	347
Patents By Year of Application:	65	36	29	34	48	40	53	16	7	8	3	6	2	0	0	347

SHIONOGI + CO. LTD.

Patents By Year of Grant:	127	16	11	13	23	18	18	14	24	20	18	9	9	12	15	347
Patents By Year of Application:	154	16	23	19	28	26	35	20	9	6	6	2	2	1	0	347

FUJI ELECTRIC CO., LTD.

Patents By Year of Grant:	136	26	29	35	24	16	7	17	22	12	14	5	3	0	0	346
Patents By Year of Application:	195	21	31	15	21	17	22	14	6	1	1	2	0	0	0	346

GENETICS INSTITUTE, INC.

Patents By Year of Grant:	76	27	39	33	19	24	16	20	13	21	18	12	8	14	6	346
Patents By Year of Application:	172	39	19	16	27	26	14	9	9	7	5	2	1	0	0	346

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>NOVOZYMES A/S</b>																
Patents By Year of Grant:	0	0	0	0	0	46	49	59	27	20	26	41	19	24	34	345
Patents By Year of Application:	7	4	26	45	62	58	35	28	27	19	14	7	6	6	1	345
<b>YEDA RESEARCH AND DEVELOPMENT CO., LTD.</b>																
Patents By Year of Grant:	66	11	24	30	18	18	16	23	20	12	24	21	27	13	22	345
Patents By Year of Application:	132	22	26	14	34	32	21	12	18	10	15	6	3	0	0	345
<b>ACUSHNET COMPANY</b>																
Patents By Year of Grant:	7	4	16	19	17	24	22	16	33	31	60	33	26	15	21	344
Patents By Year of Application:	30	19	25	25	13	25	37	53	55	28	17	8	6	3	0	344
<b>BRIGHAM AND WOMEN'S HOSPITAL</b>																
Patents By Year of Grant:	70	18	19	19	16	29	21	25	27	18	20	14	10	15	23	344
Patents By Year of Application:	131	16	23	21	23	38	28	17	10	16	9	9	2	1	0	344
<b>KIMBERLY-CLARK CORPORATION</b>																
Patents By Year of Grant:	243	65	13	6	6	6	3	1	0	0	0	0	0	0	1	344
Patents By Year of Application:	332	3	1	6	1	0	0	1	0	0	0	0	0	0	0	344
<b>MILES INC.</b>																
Patents By Year of Grant:	339	5	0	0	0	0	0	0	0	0	0	0	0	0	0	344
Patents By Year of Application:	344	0	0	0	0	0	0	0	0	0	0	0	0	0	0	344
<b>AUSIMONT S.P.A.</b>																
Patents By Year of Grant:	118	29	19	27	22	32	27	26	25	7	1	1	5	1	0	340
Patents By Year of Application:	169	33	25	27	25	25	30	3	2	0	1	0	0	0	0	340
<b>SANKYO COMPANY LIMITED</b>																
Patents By Year of Grant:	128	38	26	24	17	9	14	14	12	12	15	10	8	6	7	340
Patents By Year of Application:	193	20	20	15	13	19	15	20	6	12	3	3	1	0	0	340
<b>NATIONAL SCIENCE COUNCIL</b>																
Patents By Year of Grant:	96	37	43	39	27	47	33	8	4	2	2	1	0	0	0	339
Patents By Year of Application:	172	49	31	36	32	11	5	2	1	0	0	0	0	0	0	339
<b>PENN STATE RESEARCH FOUNDATION, INC.</b>																
Patents By Year of Grant:	31	13	11	23	26	34	34	30	21	22	16	19	16	15	28	339
Patents By Year of Application:	64	16	34	33	40	37	34	21	22	14	10	8	3	3	0	339
<b>SUMITOMO RUBBER INDUSTRIES, LTD.</b>																
Patents By Year of Grant:	83	11	13	19	16	20	17	30	24	16	20	17	18	11	24	339
Patents By Year of Application:	116	26	21	11	22	31	30	20	13	15	20	14	0	0	0	339

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>AVENTIS PHARMA SA</b>																
Patents By Year of Grant:	0	0	0	0	11	27	76	55	29	36	28	23	10	24	19	338
Patents By Year of Application:	18	8	18	23	57	67	47	25	37	9	9	14	6	0	0	338
<b>NIPPON SHEET GLASS CO., LTD.</b>																
Patents By Year of Grant:	65	4	3	19	21	22	50	36	36	14	13	15	8	11	21	338
Patents By Year of Application:	75	20	20	31	44	52	31	21	18	11	6	4	3	2	0	338
<b>GILLETTE COMPANY</b>																
Patents By Year of Grant:	55	11	16	18	16	18	31	18	25	22	23	25	16	25	18	337
Patents By Year of Application:	96	11	10	24	38	26	31	44	20	15	11	4	0	7	0	337
<b>TOYODA GOSEI KABUSHIKI KAISHA</b>																
Patents By Year of Grant:	83	16	25	23	19	11	21	22	21	31	14	16	9	10	15	336
Patents By Year of Application:	129	26	23	9	22	15	38	28	18	8	12	6	2	0	0	336
<b>ORTHO-MCNEIL PHARMACEUTICAL, INC.</b>																
Patents By Year of Grant:	0	0	0	5	19	32	48	48	36	35	39	31	25	8	9	335
Patents By Year of Application:	1	4	13	39	66	66	62	27	20	10	18	6	2	1	0	335
<b>NGK SPARK PLUG CO., LTD.</b>																
Patents By Year of Grant:	96	14	9	28	23	25	26	18	22	19	10	13	13	6	11	333
Patents By Year of Application:	125	29	24	33	22	23	23	23	12	11	3	5	0	0	0	333
<b>NORTHWESTERN UNIVERSITY</b>																
Patents By Year of Grant:	47	23	29	16	11	27	23	17	13	10	12	16	20	27	42	333
Patents By Year of Application:	107	16	13	22	24	16	25	26	24	23	12	9	13	3	0	333
<b>BOEHRINGER INGELHEIM INTERNATIONAL GMBH</b>																
Patents By Year of Grant:	27	10	9	10	4	4	6	5	13	7	15	42	38	66	76	332
Patents By Year of Application:	57	6	1	9	10	7	6	13	42	87	41	32	14	7	0	332
<b>MITSUBISHI KASEI CORP.</b>																
Patents By Year of Grant:	322	3	3	1	1	0	0	0	0	0	0	0	0	0	0	330
Patents By Year of Application:	329	1	0	0	0	0	0	0	0	0	0	0	0	0	0	330
<b>ADVANCED TECHNOLOGY MATERIALS, INC.</b>																
Patents By Year of Grant:	23	9	11	25	28	30	34	37	28	17	23	16	19	15	13	328
Patents By Year of Application:	45	33	40	24	28	48	37	26	15	12	4	7	4	3	2	328
<b>UNIVERSITY OF FLORIDA</b>																
Patents By Year of Grant:	119	22	20	21	34	29	12	18	13	15	14	5	2	3	1	328
Patents By Year of Application:	178	30	26	17	13	28	16	11	5	2	0	2	0	0	0	328

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>YALE UNIVERSITY</b>																
Patents By Year of Grant:	50	15	31	21	28	24	24	25	15	17	16	12	6	20	24	328
Patents By Year of Application:	122	23	25	29	22	31	21	16	13	12	8	4	1	1	0	328
<b>JAPAN SCIENCE AND TECHNOLOGY AGENCY</b>																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	14	18	33	54	65	50	92	326
Patents By Year of Application:	0	0	0	0	16	18	67	88	57	43	18	13	4	2	0	326
<b>UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED</b>																
Patents By Year of Grant:	45	18	20	16	12	15	18	15	13	16	30	34	19	30	25	326
Patents By Year of Application:	97	17	11	14	21	15	25	40	36	17	22	6	2	3	0	326
<b>UNIVERSITY OF PITTSBURGH</b>																
Patents By Year of Grant:	42	15	23	33	25	32	19	17	21	14	19	12	15	17	21	325
Patents By Year of Application:	108	32	27	18	20	25	18	22	18	14	8	12	3	0	0	325
<b>NAN YA TECHNOLOGY CORPORATION</b>																
Patents By Year of Grant:	0	0	0	7	15	9	14	21	70	61	51	12	13	19	32	324
Patents By Year of Application:	0	5	13	11	10	17	48	107	43	15	13	25	17	0	0	324
<b>ROUSSEL-UCLAF</b>																
Patents By Year of Grant:	250	26	39	8	0	0	0	0	0	0	0	0	0	0	0	323
Patents By Year of Application:	314	9	0	0	0	0	0	0	0	0	0	0	0	0	0	323
<b>FORD MOTOR COMPANY</b>																
Patents By Year of Grant:	213	28	18	19	14	5	0	4	5	5	2	2	3	2	0	320
Patents By Year of Application:	253	23	15	6	1	8	2	5	4	3	0	0	0	0	0	320
<b>MITSUBISHI MATERIALS CORPORATION</b>																
Patents By Year of Grant:	122	23	23	16	14	17	16	13	12	7	11	12	8	11	14	319
Patents By Year of Application:	169	18	15	14	21	15	13	20	12	10	7	3	1	1	0	319
<b>AVENTIS PHARMA DEUTSCHLAND GMBH</b>																
Patents By Year of Grant:	0	0	0	0	14	54	75	61	54	43	14	2	0	0	1	318
Patents By Year of Application:	7	12	23	42	80	70	52	27	3	1	0	0	1	0	0	318
<b>NIPPON ZEON CO., LTD.</b>																
Patents By Year of Grant:	173	15	21	20	26	20	22	9	10	0	0	1	1	0	0	318
Patents By Year of Application:	208	27	24	22	23	10	2	0	2	0	0	0	0	0	0	318
<b>SALK INSTITUTE FOR BIOLOGICAL STUDIES</b>																
Patents By Year of Grant:	77	30	26	21	19	24	20	18	17	7	20	15	7	8	9	318
Patents By Year of Application:	179	15	16	20	22	20	13	11	4	7	5	3	2	1	0	318



---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>UNIVERSITY OF IOWA RESEARCH FOUNDATION</b>																
Patents By Year of Grant:	50	9	18	20	7	30	19	20	16	14	20	25	18	14	27	307
Patents By Year of Application:	92	13	27	25	20	31	19	26	15	16	14	6	1	2	0	307
<b>NEUROGEN CORPORATION</b>																
Patents By Year of Grant:	24	31	22	24	28	38	39	20	13	17	19	15	8	3	5	306
Patents By Year of Application:	76	22	20	36	43	37	19	23	13	9	6	2	0	0	0	306
<b>ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE</b>																
Patents By Year of Grant:	30	18	23	28	25	14	13	19	20	15	17	20	20	19	24	305
Patents By Year of Application:	69	28	31	15	8	18	25	30	24	19	23	8	5	2	0	305
<b>NEW YORK UNIVERSITY</b>																
Patents By Year of Grant:	52	17	15	21	15	17	15	13	19	9	20	24	15	21	32	305
Patents By Year of Application:	116	17	12	16	18	20	20	19	24	18	13	10	2	0	0	305
<b>UNIVERSITY OF MARYLAND</b>																
Patents By Year of Grant:	44	14	16	28	19	16	16	19	15	11	21	16	19	20	29	303
Patents By Year of Application:	85	25	22	18	25	25	16	15	24	14	18	10	5	1	0	303
<b>AFFYMETRIX, INC.</b>																
Patents By Year of Grant:	2	2	9	15	24	43	38	34	28	27	21	15	23	5	16	302
Patents By Year of Application:	40	20	32	34	44	45	30	16	14	11	8	4	3	1	0	302
<b>UNIVERSITY OF UTAH RESEARCH FOUNDATION</b>																
Patents By Year of Grant:	37	15	25	23	15	30	20	11	20	12	15	20	15	16	28	302
Patents By Year of Application:	85	22	25	29	27	24	15	13	21	25	4	6	4	1	1	302
<b>AKZO N.V.</b>																
Patents By Year of Grant:	298	1	0	0	1	1	0	0	0	0	0	0	0	0	0	301
Patents By Year of Application:	300	0	1	0	0	0	0	0	0	0	0	0	0	0	0	301
<b>RUTGERS UNIVERSITY</b>																
Patents By Year of Grant:	59	11	15	24	18	16	25	14	17	14	24	19	21	8	16	301
Patents By Year of Application:	93	19	17	29	26	25	20	22	20	14	5	8	1	2	0	301
<b>BAKER HUGHES INCORPORATED</b>																
Patents By Year of Grant:	65	14	11	17	21	18	15	24	12	15	12	16	18	12	30	300
Patents By Year of Application:	93	22	12	28	17	21	22	18	14	17	15	15	3	2	1	300
<b>CENTRAL GLASS COMPANY, LIMITED</b>																
Patents By Year of Grant:	84	13	16	11	13	24	25	17	14	7	18	11	18	16	13	300
Patents By Year of Application:	121	14	10	14	25	24	20	13	25	10	13	8	2	1	0	300

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>HUGHES AIRCRAFT COMPANY</b>																
Patents By Year of Grant:	263	26	11	0	0	0	0	0	0	0	0	0	0	0	0	300
Patents By Year of Application:	299	1	0	0	0	0	0	0	0	0	0	0	0	0	0	300
<b>MITSUBISHI HEAVY INDUSTRIES, LTD.</b>																
Patents By Year of Grant:	0	0	3	24	19	40	27	47	20	27	14	17	21	19	21	299
Patents By Year of Application:	0	20	36	51	28	35	40	30	26	9	14	5	1	3	1	299
<b>MINOLTA CAMERA CO., LTD.</b>																
Patents By Year of Grant:	82	11	37	32	26	21	25	34	6	14	2	2	3	2	0	297
Patents By Year of Application:	123	32	28	29	43	22	9	9	1	1	0	0	0	0	0	297
<b>HITACHI METALS LTD.</b>																
Patents By Year of Grant:	114	8	17	19	11	11	17	15	10	8	5	6	7	16	32	296
Patents By Year of Application:	143	16	13	13	15	17	16	7	15	17	12	7	3	2	0	296
<b>BAUSCH &amp; LOMB, INC.</b>																
Patents By Year of Grant:	67	12	7	17	9	16	13	22	20	22	30	14	10	21	15	295
Patents By Year of Application:	89	12	20	10	26	28	16	21	20	21	17	6	9	0	0	295
<b>LG ELECTRONICS INC.</b>																
Patents By Year of Grant:	0	8	15	13	19	21	26	20	15	12	19	29	21	28	49	295
Patents By Year of Application:	21	20	20	25	26	15	26	21	35	48	19	12	2	5	0	295
<b>NIKON CORPORATION</b>																
Patents By Year of Grant:	30	20	18	35	35	41	32	31	22	6	5	2	4	5	9	295
Patents By Year of Application:	76	28	33	41	47	27	18	9	1	7	7	0	1	0	0	295
<b>SHISEIDO CO., LTD.</b>																
Patents By Year of Grant:	77	20	33	26	27	24	17	19	7	6	7	8	10	5	9	295
Patents By Year of Application:	132	24	35	25	19	15	19	12	4	8	0	0	1	1	0	295
<b>UNIVERSITY OF SOUTHERN CALIFORNIA</b>																
Patents By Year of Grant:	44	15	9	12	13	18	22	16	18	17	23	12	24	18	34	295
Patents By Year of Application:	78	12	14	26	28	20	21	29	15	18	12	12	7	2	1	295
<b>GENZYME CORPORATION</b>																
Patents By Year of Grant:	30	13	20	23	16	13	15	12	17	20	32	21	16	21	25	294
Patents By Year of Application:	88	20	10	14	18	16	29	32	27	16	13	4	5	2	0	294
<b>TAKASAGO INTERNATIONAL CORPORATION</b>																
Patents By Year of Grant:	79	15	29	24	17	22	24	13	15	11	13	5	6	12	9	294
Patents By Year of Application:	115	29	20	24	13	26	20	13	15	8	7	2	2	0	0	294

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>DANA-FARBER CANCER INSTITUTE, INC.</b>																
Patents By Year of Grant:	58	17	31	21	14	14	17	11	10	13	20	16	16	13	22	293
Patents By Year of Application:	147	14	17	12	13	15	29	9	12	8	9	6	2	0	0	293
<b>DSM IP ASSETS B.V.</b>																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	17	38	43	34	53	46	61	293
Patents By Year of Application:	0	0	0	4	3	36	68	75	60	25	12	7	2	1	0	293
<b>MORTON INTERNATIONAL, INC.</b>																
Patents By Year of Grant:	129	32	35	39	29	19	9	0	1	0	0	0	0	0	0	293
Patents By Year of Application:	185	43	35	25	1	4	0	0	0	0	0	0	0	0	0	293
<b>NKK CORPORATION</b>																
Patents By Year of Grant:	177	19	15	15	15	7	11	18	11	3	0	1	1	0	0	293
Patents By Year of Application:	213	17	13	8	15	13	10	3	1	0	0	0	0	0	0	293
<b>EMORY UNIVERSITY</b>																
Patents By Year of Grant:	54	10	31	24	16	15	26	20	16	10	17	13	10	10	20	292
Patents By Year of Application:	117	19	14	21	30	17	19	17	16	6	12	3	1	0	0	292
<b>COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION</b>																
Patents By Year of Grant:	58	10	22	31	14	19	20	16	19	14	17	4	7	16	23	290
Patents By Year of Application:	114	29	16	20	20	28	18	14	9	12	5	3	1	1	0	290
<b>CYTEC TECHNOLOGY CORP.</b>																
Patents By Year of Grant:	63	34	48	23	34	25	13	14	12	5	3	4	5	2	4	289
Patents By Year of Application:	172	23	23	20	12	17	5	5	7	1	1	1	2	0	0	289
<b>EQUISTAR CHEMICALS, LP</b>																
Patents By Year of Grant:	0	0	0	6	14	36	24	28	39	41	34	11	16	18	22	289
Patents By Year of Application:	6	7	6	29	26	32	48	45	22	27	17	14	8	2	0	289
<b>BOC GROUP, INC.</b>																
Patents By Year of Grant:	99	17	20	22	17	14	25	17	12	13	15	7	5	5	0	288
Patents By Year of Application:	138	21	16	21	25	20	16	11	10	4	6	0	0	0	0	288
<b>MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V</b>																
Patents By Year of Grant:	46	11	18	31	17	13	15	30	13	13	21	8	12	21	19	288
Patents By Year of Application:	110	20	17	17	32	25	16	17	13	5	7	3	1	5	0	288
<b>SUMITOMO METAL INDUSTRIES CO., LTD.</b>																
Patents By Year of Grant:	74	9	15	18	28	21	28	16	12	10	8	6	12	9	22	288
Patents By Year of Application:	100	16	26	22	30	19	7	18	12	19	6	7	6	0	0	288

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>ROCHE DIAGNOSTICS GMBH</b>																
Patents By Year of Grant:	0	0	0	20	38	68	41	37	25	14	12	16	7	5	3	286
Patents By Year of Application:	36	42	46	43	57	25	15	11	3	4	2	1	1	0	0	286
<b>ETHICON, INC.</b>																
Patents By Year of Grant:	28	24	17	14	19	16	27	24	16	12	20	19	11	15	23	285
Patents By Year of Application:	69	19	28	26	25	21	30	18	19	15	9	5	1	0	0	285
<b>GEN-PROBE INCORPORATED</b>																
Patents By Year of Grant:	31	32	39	22	14	11	5	17	9	10	17	14	18	20	25	284
Patents By Year of Application:	122	22	7	5	20	20	13	17	11	11	9	16	7	4	0	284
<b>NIPPON OIL COMPANY LTD.</b>																
Patents By Year of Grant:	187	28	34	19	13	1	0	0	0	0	0	0	0	0	0	282
Patents By Year of Application:	251	22	9	0	0	0	0	0	0	0	0	0	0	0	0	282
<b>NATIONAL RESEARCH COUNCIL OF CANADA</b>																
Patents By Year of Grant:	55	14	10	21	16	14	9	22	19	3	15	25	20	15	23	281
Patents By Year of Application:	84	15	16	26	17	23	20	21	23	14	14	6	1	1	0	281
<b>RESEARCH CORPORATION TECHNOLOGIES, INC.</b>																
Patents By Year of Grant:	95	48	51	20	17	12	6	7	11	3	6	2	0	0	2	280
Patents By Year of Application:	216	9	16	12	6	8	8	3	0	0	0	2	0	0	0	280
<b>DONALDSON COMPANY, INC.</b>																
Patents By Year of Grant:	27	11	12	25	24	20	19	17	17	19	21	19	20	12	16	279
Patents By Year of Application:	49	25	29	18	15	20	21	27	29	13	19	10	2	2	0	279
<b>B. F. GOODRICH CO.</b>																
Patents By Year of Grant:	202	10	14	15	13	14	6	3	0	1	0	0	0	0	0	278
Patents By Year of Application:	229	19	10	15	3	0	1	1	0	0	0	0	0	0	0	278
<b>KUREHA KAGAKU KOGYO K.K.</b>																
Patents By Year of Grant:	125	22	17	4	9	9	10	11	6	4	9	11	1	14	25	277
Patents By Year of Application:	161	13	4	15	14	12	12	11	13	10	7	3	1	1	0	277
<b>UNION OIL COMPANY OF CALIFORNIA</b>																
Patents By Year of Grant:	233	12	10	5	9	1	1	1	2	1	1	1	0	0	0	277
Patents By Year of Application:	254	8	8	1	1	0	1	2	0	1	1	0	0	0	0	277
<b>GOLDSCHMIDT GBMH</b>																
Patents By Year of Grant:	101	13	12	17	10	25	15	16	10	8	11	10	10	12	6	276
Patents By Year of Application:	130	14	13	20	16	18	13	17	11	8	11	5	0	0	0	276

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>STMICROELECTRONICS S.R.L.</b>																
Patents By Year of Grant:	0	0	1	3	16	48	51	34	25	15	18	14	15	15	19	274
Patents By Year of Application:	2	8	19	49	49	35	22	21	23	12	17	7	8	2	0	274
<b>THOMAS JEFFERSON UNIVERSITY</b>																
Patents By Year of Grant:	41	24	22	24	23	34	28	21	10	8	5	8	4	7	14	273
Patents By Year of Application:	114	31	31	24	23	17	9	7	5	5	3	1	3	0	0	273
<b>BASELL POLYOLEFINE GMBH</b>																
Patents By Year of Grant:	0	0	0	0	0	5	30	27	28	34	32	20	21	36	39	272
Patents By Year of Application:	7	2	4	13	32	41	44	50	32	22	13	10	2	0	0	272
<b>WESTVACO CORPORATION</b>																
Patents By Year of Grant:	141	22	25	21	27	16	15	5	0	0	0	0	0	0	0	272
Patents By Year of Application:	186	24	20	22	13	5	2	0	0	0	0	0	0	0	0	272
<b>PRINCETON UNIVERSITY</b>																
Patents By Year of Grant:	36	13	12	15	16	18	27	21	16	18	9	14	17	21	17	270
Patents By Year of Application:	69	20	19	24	20	25	25	21	11	14	14	2	6	0	0	270
<b>BEIERSDORF AKTIENGESELLSCHAFT</b>																
Patents By Year of Grant:	22	16	26	26	22	19	31	33	21	12	9	16	2	3	10	268
Patents By Year of Application:	67	34	29	35	34	21	16	6	17	6	2	1	0	0	0	268
<b>BOEHRINGER INGELHEIM PHARMA GMBH &amp; CO. KG</b>																
Patents By Year of Grant:	0	0	0	0	7	22	34	36	35	27	27	23	18	16	21	266
Patents By Year of Application:	0	0	1	22	36	38	48	66	12	20	12	6	4	1	0	266
<b>SANOFI, S.A.</b>																
Patents By Year of Grant:	132	47	42	32	10	2	1	0	0	0	0	0	0	0	0	266
Patents By Year of Application:	215	32	17	2	0	0	0	0	0	0	0	0	0	0	0	266
<b>ONO PHARMACEUTICAL COMPANY, LIMITED</b>																
Patents By Year of Grant:	64	11	10	9	9	14	18	17	10	10	12	20	17	20	24	265
Patents By Year of Application:	89	5	13	9	23	23	26	27	21	14	5	6	4	0	0	265
<b>OTSUKA PHARMACEUTICAL CO., LTD.</b>																
Patents By Year of Grant:	94	28	21	12	14	9	9	9	7	4	11	3	8	9	27	265
Patents By Year of Application:	145	15	10	5	16	18	7	9	14	14	5	2	4	1	0	265
<b>SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH</b>																
Patents By Year of Grant:	54	22	19	11	15	18	13	20	15	16	16	9	7	13	17	265
Patents By Year of Application:	124	11	18	13	18	22	21	17	9	6	4	2	0	0	0	265

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

Pre

1997 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 TOTAL

Dongbu Hitek Co., Ltd.

Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 3 15 82 164 264

Patents By Year of Application: 0 0 0 0 0 0 0 1 3 3 75 123 57 1 1 264

HOECHST-ROUSSEL PHARMACEUTICALS, INC.

Patents By Year of Grant: 252 7 2 1 0 1 0 0 0 0 0 0 0 0 0 263

Patents By Year of Application: 261 1 0 0 1 0 0 0 0 0 0 0 0 0 0 263

SUNTORY LTD.

Patents By Year of Grant: 97 15 19 27 21 25 13 11 9 5 6 6 5 4 0 263

Patents By Year of Application: 151 28 11 26 17 13 7 6 1 2 1 0 0 0 0 263

ALCON LABORATORIES, INC.

Patents By Year of Grant: 104 50 19 29 22 30 6 2 0 0 0 0 0 0 0 262

Patents By Year of Application: 176 25 24 28 4 5 0 0 0 0 0 0 0 0 0 262

WILLIAM WRIGLEY JR. COMPANY

Patents By Year of Grant: 139 8 5 13 14 10 13 20 10 7 10 2 5 4 2 262

Patents By Year of Application: 163 12 7 13 24 16 10 9 2 3 3 0 0 0 0 262

UNIVATION TECHNOLOGIES, LLC, (US)

Patents By Year of Grant: 0 0 0 2 7 26 24 36 28 49 25 23 10 13 16 259

Patents By Year of Application: 0 6 16 26 32 36 27 42 22 27 8 11 3 2 1 259

BASF COATINGS AG

Patents By Year of Grant: 0 0 0 17 28 30 20 34 32 20 29 10 9 17 12 258

Patents By Year of Application: 9 13 34 26 18 58 58 21 9 1 8 3 0 0 0 258

MITSUBISHI PAPER MILLS, LTD.

Patents By Year of Grant: 140 12 14 12 11 11 12 16 7 11 2 0 3 2 5 258

Patents By Year of Application: 161 22 9 16 15 12 12 4 2 2 1 2 0 0 0 258

PALL CORPORATION

Patents By Year of Grant: 121 24 14 7 12 8 12 9 8 8 7 6 10 2 10 258

Patents By Year of Application: 162 10 10 11 10 20 10 5 5 5 5 2 2 1 0 258

HAYASHIBARA BIOCHEMICAL LABORATORIES INCORPORATED

Patents By Year of Grant: 55 18 28 39 17 17 13 12 8 3 8 12 7 7 13 257

Patents By Year of Application: 104 48 18 16 14 17 13 9 8 4 3 3 0 0 0 257

MERRELL DOW PHARMACEUTICALS

Patents By Year of Grant: 257 0 0 0 0 0 0 0 0 0 0 0 0 0 0 257

Patents By Year of Application: 257 0 0 0 0 0 0 0 0 0 0 0 0 0 0 257





---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION																
Patents By Year of Grant:	27	11	11	16	17	16	24	14	12	15	15	11	16	18	23	246
Patents By Year of Application:	62	10	16	19	21	30	19	16	20	11	11	7	2	1	1	246
KODAK POLYCHROME GRAPHICS, LLC																
Patents By Year of Grant:	0	0	7	24	22	29	40	46	34	39	3	0	0	0	0	244
Patents By Year of Application:	11	23	18	39	50	37	41	21	3	1	0	0	0	0	0	244
NIPPON KAYAKU KABUSHIKI KAISHA																
Patents By Year of Grant:	84	9	11	8	13	14	15	7	10	5	13	6	14	17	18	244
Patents By Year of Application:	103	11	9	16	12	15	20	12	18	15	5	6	1	1	0	244
AU OPTRONICS CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	4	10	14	21	21	29	36	37	69	241
Patents By Year of Application:	0	0	0	0	1	10	11	38	23	37	43	35	27	12	4	241
UT-BATTELLE, LLC																
Patents By Year of Grant:	0	0	0	0	17	33	37	31	22	12	16	19	11	10	33	241
Patents By Year of Application:	4	3	20	47	29	20	32	24	13	23	13	6	5	2	0	241
WEYERHAEUSER COMPANY																
Patents By Year of Grant:	64	12	8	10	4	15	21	29	22	7	21	15	12	0	1	241
Patents By Year of Application:	91	7	10	14	20	24	22	30	14	6	2	0	1	0	0	241
SRI INTERNATIONAL																
Patents By Year of Grant:	88	12	17	17	19	18	13	13	12	4	12	2	5	4	4	240
Patents By Year of Application:	121	21	12	24	8	23	9	6	7	2	3	1	3	0	0	240
WINBOND ELECTRONICS CORP.																
Patents By Year of Grant:	11	10	18	36	27	40	33	18	22	8	6	3	2	5	1	240
Patents By Year of Application:	38	32	40	29	29	22	25	11	5	5	0	2	2	0	0	240
NORTHROP GRUMMAN CORPORATION																
Patents By Year of Grant:	22	18	32	29	23	17	8	17	14	10	19	7	9	10	4	239
Patents By Year of Application:	72	32	21	18	15	13	13	18	19	6	11	0	1	0	0	239
ROHM COMPANY LIMITED																
Patents By Year of Grant:	53	11	11	5	14	17	18	14	16	10	19	17	17	7	10	239
Patents By Year of Application:	74	9	13	18	19	11	22	18	26	12	11	3	3	0	0	239
BRISTOL-MYERS SQUIBB PHARMA COMPANY																
Patents By Year of Grant:	0	0	0	0	0	2	41	49	44	40	23	14	16	4	4	237
Patents By Year of Application:	0	2	6	18	37	59	43	26	19	7	8	7	4	1	0	237

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

Pre

1997 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 TOTAL

LG Display Co., Ltd.

Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 0 41 82 114 237

Patents By Year of Application: 0 0 0 0 2 1 6 12 28 63 70 29 11 15 0 237

MEIJI SEIKA KAISHA LTD.

Patents By Year of Grant: 54 15 12 10 11 17 26 7 12 8 18 11 8 13 15 237

Patents By Year of Application: 79 9 16 20 25 20 26 15 5 6 8 1 5 2 0 237

SAMSUNG ELECTRO-MECHANICS CO., LTD.

Patents By Year of Grant: 7 3 8 6 0 5 8 14 16 13 19 15 23 41 59 237

Patents By Year of Application: 21 3 0 4 5 14 18 21 22 24 45 36 17 7 0 237

SANOFI-AVENTIS

Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 13 26 32 49 43 74 237

Patents By Year of Application: 0 0 1 0 3 7 26 27 7 27 41 47 39 12 0 237

TODA KOGYO CORP.

Patents By Year of Grant: 54 18 6 12 28 20 28 19 21 6 7 6 4 3 5 237

Patents By Year of Application: 81 14 21 22 27 22 27 5 6 3 6 2 1 0 0 237

UNIVERSITY OF NEBRASKA, THE BOARD OF REGENTS OF

Patents By Year of Grant: 49 19 14 18 22 13 15 10 16 5 13 10 12 6 14 236

Patents By Year of Application: 91 21 19 19 20 15 12 13 9 6 5 4 1 1 0 236

VLSI TECHNOLOGY, INC.

Patents By Year of Grant: 85 12 29 45 37 21 7 0 0 0 0 0 0 0 0 236

Patents By Year of Application: 126 58 26 21 5 0 0 0 0 0 0 0 0 0 0 236

WELLA AG

Patents By Year of Grant: 32 9 6 17 18 11 22 21 22 9 23 8 17 13 7 235

Patents By Year of Application: 48 17 18 14 20 27 42 11 25 11 1 0 1 0 0 235

SABIC Innovative Plastics, IP BV

Patents By Year of Grant: 0 0 0 0 0 0 0 0 0 0 0 2 28 89 115 234

Patents By Year of Application: 0 0 0 0 0 2 1 6 27 49 47 68 29 4 1 234

LOUISIANA STATE UNIVERSITY

Patents By Year of Grant: 55 16 30 13 15 19 15 12 6 11 8 10 11 4 8 233

Patents By Year of Application: 102 17 16 20 15 16 14 11 5 10 4 2 1 0 0 233

KYOCERA CORPORATION

Patents By Year of Grant: 49 12 9 15 11 12 15 21 11 10 11 13 16 14 232

Patents By Year of Application: 68 19 16 10 13 21 16 17 18 14 11 6 3 0 0 232

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>TEXACO CHEMICAL COMPANY</b>																
Patents By Year of Grant:	232	0	0	0	0	0	0	0	0	0	0	0	0	0	0	232
Patents By Year of Application:	232	0	0	0	0	0	0	0	0	0	0	0	0	0	0	232
<b>YOKOHAMA RUBBER CO., LTD.</b>																
Patents By Year of Grant:	55	5	5	10	19	14	17	22	14	13	8	7	7	13	23	232
Patents By Year of Application:	69	10	20	19	21	16	17	16	14	5	6	11	6	2	0	232
<b>CHURCH + DWIGHT CO., INC.</b>																
Patents By Year of Grant:	128	20	19	23	9	6	10	4	3	0	2	2	2	0	3	231
Patents By Year of Application:	171	19	14	4	3	9	5	2	2	0	0	2	0	0	0	231
<b>KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO</b>																
Patents By Year of Grant:	52	16	13	18	18	18	18	12	16	7	8	8	9	8	10	231
Patents By Year of Application:	84	16	20	22	16	16	23	13	7	5	4	3	2	0	0	231
<b>TAKEDA PHARMACEUTICAL COMPANY LIMITED</b>																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	10	42	44	36	46	53	231
Patents By Year of Application:	0	0	0	5	11	30	35	42	41	31	14	12	5	5	0	231
<b>KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY</b>																
Patents By Year of Grant:	46	11	15	21	27	25	17	9	15	11	6	5	7	2	13	230
Patents By Year of Application:	79	13	23	22	23	18	12	12	8	9	4	5	0	2	0	230
<b>AGERE SYSTEMS INC.</b>																
Patents By Year of Grant:	0	0	0	0	0	7	17	53	43	20	24	19	15	18	13	229
Patents By Year of Application:	2	1	3	22	33	44	31	27	23	10	15	11	6	1	0	229
<b>JAPAN SCIENCE AND TECHNOLOGY CORPORATION</b>																
Patents By Year of Grant:	0	0	3	8	17	11	25	26	24	37	21	27	25	3	2	229
Patents By Year of Application:	4	11	19	13	39	59	50	17	5	5	3	4	0	0	0	229
<b>MCNEIL-PPC, INC.</b>																
Patents By Year of Grant:	62	23	16	21	20	12	16	10	10	4	8	9	6	2	10	229
Patents By Year of Application:	110	19	18	22	9	14	13	13	2	3	5	1	0	0	0	229
<b>BAYLOR COLLEGE OF MEDICINE</b>																
Patents By Year of Grant:	37	12	27	18	24	12	16	15	10	6	12	11	14	5	9	228
Patents By Year of Application:	113	17	12	10	19	10	12	12	14	4	3	2	0	0	0	228
<b>Sanofi-Aventis Deutschland GmbH</b>																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	34	59	51	42	42	228
Patents By Year of Application:	1	1	0	0	2	6	10	54	64	22	30	27	9	2	0	228

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
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ALCAN INTERNATIONAL LIMITED

Patents By Year of Grant:	133	4	6	9	12	11	15	16	7	4	1	2	1	3	3	227
Patents By Year of Application:	147	9	9	15	15	12	9	6	1	2	1	1	0	0	0	227

AGFA-GEVAERT, AG

Patents By Year of Grant:	125	25	31	34	7	0	3	1	0	0	0	0	0	0	0	226
Patents By Year of Application:	179	30	12	5	0	0	0	0	0	0	0	0	0	0	0	226

BROTHER KOGYO KABUSHIKI KAISHA

Patents By Year of Grant:	75	14	16	11	13	5	2	3	5	6	4	15	31	11	15	226
Patents By Year of Application:	104	16	11	4	2	3	5	14	9	22	14	18	4	0	0	226

CONOCOPHILLIPS COMPANY

Patents By Year of Grant:	0	0	0	0	0	0	0	21	31	41	41	24	27	23	18	226
Patents By Year of Application:	1	0	0	1	9	23	66	45	26	22	14	5	11	3	0	226

METSO PAPER, INC.

Patents By Year of Grant:	0	0	0	0	0	3	37	24	30	27	21	21	27	15	21	226
Patents By Year of Application:	1	0	0	6	31	45	49	45	19	18	9	2	1	0	0	226

S. C. JOHNSON + SON, INC.

Patents By Year of Grant:	45	12	18	29	11	9	18	13	14	5	5	6	11	13	16	225
Patents By Year of Application:	82	29	12	14	13	14	15	5	5	13	13	6	3	1	0	225

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY

Patents By Year of Grant:	0	0	0	0	0	0	7	26	24	23	24	31	20	27	42	224
Patents By Year of Application:	0	0	0	0	13	39	53	46	25	22	11	14	1	0	0	224

SYMYX TECHNOLOGIES, INC.

Patents By Year of Grant:	0	0	1	1	10	18	36	34	37	34	26	13	7	6	1	224
Patents By Year of Application:	2	7	17	28	50	37	35	18	15	10	4	1	0	0	0	224

PURDUE RESEARCH FOUNDATION

Patents By Year of Grant:	37	17	17	13	5	9	18	13	11	14	12	15	6	17	19	223
Patents By Year of Application:	76	10	8	13	24	14	26	17	11	14	4	6	0	0	0	223

SEMITOOL, INC.

Patents By Year of Grant:	8	0	1	9	10	25	27	31	24	24	19	17	16	7	5	223
Patents By Year of Application:	13	12	15	35	21	45	23	33	13	8	2	3	0	0	0	223

MILLIPORE CORPORATION

Patents By Year of Grant:	70	6	8	9	8	5	8	7	8	9	17	16	11	16	24	222
Patents By Year of Application:	90	7	5	8	13	12	21	14	19	17	10	3	2	1	0	222

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre																
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL	
<b>FIRMENICH SA</b>																	
Patents By Year of Grant:	63	8	10	8	11	13	13	9	14	9	11	14	8	13	17	221	
Patents By Year of Application:	79	9	12	10	15	11	21	11	12	8	18	13	0	2	0	221	
<b>ILLINOIS TOOL WORKS INC.</b>																	
Patents By Year of Grant:	23	9	7	15	8	17	17	19	19	12	17	12	13	15	18	221	
Patents By Year of Application:	42	12	15	15	19	21	17	18	28	16	10	6	2	0	0	221	
<b>NISSHINBO INDUSTRIES, INC.</b>																	
Patents By Year of Grant:	38	9	14	20	24	22	19	21	16	16	7	7	4	0	4	221	
Patents By Year of Application:	61	24	20	28	26	25	15	12	5	2	2	1	0	0	0	221	
<b>HALDOR TOPSOE A/S</b>																	
Patents By Year of Grant:	42	13	7	13	17	11	9	17	15	10	17	7	9	13	20	220	
Patents By Year of Application:	60	12	12	20	15	25	8	23	14	11	12	5	1	2	0	220	
<b>SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A.</b>																	
Patents By Year of Grant:	52	9	10	12	14	13	21	9	14	10	8	7	9	10	21	219	
Patents By Year of Application:	74	12	7	15	18	23	20	15	9	9	7	7	2	0	1	219	
<b>NIPPONDENSO CO., LTD.</b>																	
Patents By Year of Grant:	108	33	34	28	7	6	2	0	0	0	0	0	0	0	0	218	
Patents By Year of Application:	196	13	6	1	2	0	0	0	0	0	0	0	0	0	0	218	
<b>THERAVANCE, INC.</b>																	
Patents By Year of Grant:	0	0	0	0	0	0	6	13	11	18	23	25	32	43	46	217	
Patents By Year of Application:	0	0	0	6	10	11	14	14	27	41	36	36	17	5	0	217	
<b>FERRO CORPORATION</b>																	
Patents By Year of Grant:	79	10	9	9	10	9	10	16	12	6	13	10	2	8	13	216	
Patents By Year of Application:	94	15	10	9	11	14	10	23	8	8	7	5	1	1	0	216	
<b>SCHOTT GLASWERKE</b>																	
Patents By Year of Grant:	67	7	9	10	13	16	17	16	24	19	11	2	3	0	1	215	
Patents By Year of Application:	83	14	13	17	26	22	28	7	4	1	0	0	0	0	0	215	
<b>W. L. GORE &amp; ASSOCIATES, INC.</b>																	
Patents By Year of Grant:	103	24	33	32	18	3	2	0	0	0	0	0	0	0	0	215	
Patents By Year of Application:	183	17	9	4	2	0	0	0	0	0	0	0	0	0	0	215	
<b>POLYPLASTICS CO., LTD.</b>																	
Patents By Year of Grant:	127	4	13	11	5	6	6	6	13	1	5	5	2	5	5	214	
Patents By Year of Application:	144	13	4	5	5	12	13	6	5	4	2	1	0	0	0	214	

CHEMICAL CLASSES

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre															
	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>UNIVERSITY OF CHICAGO</b>																
Patents By Year of Grant:	26	9	17	16	10	11	19	16	18	13	19	9	8	12	11	214
Patents By Year of Application:	64	9	13	9	27	20	29	16	8	7	9	3	0	0	0	214
<b>UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.</b>																
Patents By Year of Grant:	57	10	13	10	18	17	17	9	8	11	5	6	7	12	14	214
Patents By Year of Application:	85	15	14	23	18	13	4	12	11	9	4	3	3	0	0	214
<b>LEXMARK INTERNATIONAL, INC.</b>																
Patents By Year of Grant:	28	5	10	26	18	18	19	16	12	10	11	7	15	8	10	213
Patents By Year of Application:	42	23	22	18	15	20	14	12	19	18	4	5	1	0	0	213
<b>CRYOVAC, INC.</b>																
Patents By Year of Grant:	0	0	4	17	22	38	23	31	16	11	7	8	9	12	14	212
Patents By Year of Application:	31	32	25	32	20	18	10	18	7	8	8	2	1	0	0	212
<b>DOW AGROSCIENCES LLC</b>																
Patents By Year of Grant:	0	0	6	13	14	21	25	12	15	8	8	8	16	22	44	212
Patents By Year of Application:	7	12	20	20	19	18	16	15	19	15	9	21	13	8	0	212
<b>UNIVERSITY OF ARKANSAS</b>																
Patents By Year of Grant:	37	3	6	16	8	17	10	21	6	13	19	12	10	14	20	212
Patents By Year of Application:	55	16	13	8	21	18	20	19	9	15	7	7	3	1	0	212
<b>UNIVERSITY OF MASSACHUSETTS</b>																
Patents By Year of Grant:	5	1	10	27	8	9	10	13	12	8	13	8	17	28	43	212
Patents By Year of Application:	27	20	15	6	15	13	17	16	29	24	12	11	6	1	0	212
<b>MITSUI MINING + SMELTING CO., LTD.</b>																
Patents By Year of Grant:	30	5	11	21	14	11	17	29	20	10	10	10	6	5	11	210
Patents By Year of Application:	48	14	21	11	17	34	21	22	9	9	0	1	2	1	0	210
<b>UAB RESEARCH FOUNDATION</b>																
Patents By Year of Grant:	15	11	14	21	19	16	17	28	21	11	7	13	3	7	7	210
Patents By Year of Application:	62	21	11	22	29	23	20	8	7	2	2	3	0	0	0	210
<b>VALENCE TECHNOLOGY, INC.</b>																
Patents By Year of Grant:	53	25	28	16	14	10	10	9	10	10	8	5	4	3	5	210
Patents By Year of Application:	112	19	14	7	12	11	12	5	7	5	6	0	0	0	0	210
<b>VANDERBILT UNIVERSITY</b>																
Patents By Year of Grant:	22	9	11	12	16	17	17	17	16	10	16	11	12	13	11	210
Patents By Year of Application:	52	10	22	25	18	21	18	13	12	11	4	3	1	0	0	210

---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre 1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
<b>HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.</b>																
Patents By Year of Grant:	0	0	0	0	0	0	0	13	12	21	25	28	22	42	46	209
Patents By Year of Application:	0	0	1	1	4	11	16	39	41	52	20	18	4	1	1	209
<b>SHINKO ELECTRIC INDUSTRIES CO., LTD.</b>																
Patents By Year of Grant:	13	6	5	10	5	8	8	9	18	12	16	26	20	18	35	209
Patents By Year of Application:	25	8	6	9	10	5	17	22	21	34	21	11	19	1	0	209
<b>CORIXA CORPORATION</b>																
Patents By Year of Grant:	1	0	5	8	5	19	32	41	22	19	17	13	10	9	7	208
Patents By Year of Application:	15	13	32	29	51	25	14	10	4	4	6	4	1	0	0	208
<b>SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM</b>																
Patents By Year of Grant:	77	13	11	17	14	25	8	4	8	5	2	7	2	12	3	208
Patents By Year of Application:	107	16	18	14	18	11	10	5	6	1	0	2	0	0	0	208
<b>UNIROYAL CHEMICAL COMPANY, INC.</b>																
Patents By Year of Grant:	81	16	11	19	14	24	8	8	12	6	7	1	0	1	0	208
Patents By Year of Application:	107	22	14	21	15	14	6	5	3	0	1	0	0	0	0	208
<b>DU PONT MERCK PHARMACEUTICAL COMPANY</b>																
Patents By Year of Grant:	159	25	18	4	0	0	1	0	0	0	0	0	0	0	0	207
Patents By Year of Application:	203	3	0	0	1	0	0	0	0	0	0	0	0	0	0	207
<b>GEORGIA TECH RESEARCH CORP.</b>																
Patents By Year of Grant:	47	9	4	9	16	11	9	14	8	12	14	13	14	9	18	207
Patents By Year of Application:	65	13	11	10	13	13	15	21	16	10	13	3	4	0	0	207
<b>SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES (S.C.R.A.S.)</b>																
Patents By Year of Grant:	25	3	2	10	5	15	10	18	22	14	26	21	15	16	5	207
Patents By Year of Application:	32	9	7	24	16	27	38	12	18	13	5	4	2	0	0	207
<b>CHEVRON PHILLIPS CHEMICAL COMPANY LP</b>																
Patents By Year of Grant:	0	0	0	0	0	6	10	16	16	14	31	27	22	32	32	206
Patents By Year of Application:	1	2	1	4	18	20	15	33	36	29	22	18	4	3	0	206
<b>ROCHE DIAGNOSTICS OPERATIONS, INC.</b>																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	6	11	16	29	24	49	71	206
Patents By Year of Application:	0	0	0	0	2	18	20	28	38	32	30	21	16	1	0	206
<b>YAMAHA CORPORATION</b>																
Patents By Year of Grant:	50	14	25	21	22	11	8	8	6	6	7	5	3	8	12	206
Patents By Year of Application:	94	25	16	11	7	11	11	3	6	5	7	8	1	1	0	206



---- Organizational Patenting (Granted: Jan 01, 1991 - Dec 31, 2010) ---- Ranked List of Organizations with 200 or More Patents ----

	Pre	1997	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	TOTAL
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GENERAL MILLS, INC.

Patents By Year of Grant:	47	2	10	17	18	27	21	10	14	8	11	3	5	3	4	200
Patents By Year of Application:	56	18	21	36	27	7	17	10	1	5	1	1	0	0	0	200

Other Organizations (51470)

Patents By Year of Grant:	66055	13394	16470	17316	16959	18210	18385	17422	15665	12653	14338	13887	13614	15306	22365	292039
Patents By Year of Application:	102367	17810	17393	19350	20755	21913	21724	18474	15863	13015	10648	7546	3705	1325	151	292039