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U.S. PATENT AND TRADEMARK OFFICE
Electronic Information Products Division
Patent Technology Monitoring Team (PTMT)

Patent Counts By Class By Year JANUARY 1977 -- DECEMBER 2006

PATENTS DISTRIBUTED BY CALENDAR YEAR OF GRANT

Parts of the Report

[Description of the Report](#)

[Report Printing and Use of Spreadsheet Software](#)

[PART I. Patent Counts Based on ORIGINAL Classification Only -](#)

Part I counts patents only according to the "original" (i.e., primary) classification assigned to each patent. If the patent record is incomplete and the "original" classification is unknown, then the (non-design) patent is counted in class 001. Design patents with an unknown "original" classification are counted in design class D00. See the Description of the Report section, below, for further details.

[PART II. Patent Counts Based on ORIGINAL and CROSS-REFERENCE Classifications with Duplicate Patents Eliminated Within Classes -](#)

Part II counts patents according to the "original" and "cross-reference" classifications assigned to each patent. Counts of duplicate patents are eliminated within each class, but not among classes. For example, the same patent would be counted once in Class 2 and once in Class 4 if it has classifications assigned in both classes. If the patent record is incomplete and the classification is unknown, then the (non-design) patent is counted in class 001. Design patents with unknown classification are counted in design class D00. See the Description of the Report section, below, for further details.

[CONTACT INFORMATION -](#)

Patent Counts By Class By Year
Patents Granted: 1977 - 2006
A Patent Technology Monitoring Team Report

Description of the Report

Classes are major divisions of technology in the U.S. Patent Classification System (USPCS). Each class is further divided into smaller divisions of technology called subclasses. The USPCS currently contains approximately 470 total classes and 159,000 total subclasses. Copies of each patent are placed (classified) in those subclasses which have been identified as pertinent to the information disclosed in the patent. One, and only one, of these subclasses is designated as the "original classification" (OR), and the remainder (if any) are designated as "cross-reference classifications" (XR).

The "original" classification of a patent may be considered to be its "primary" classification. This classification need not correspond to any classification that was assigned to the patent at the time of issue since the classification system is continuously undergoing revision and since classifications that are assigned to patents are continuously updated to reflect these revisions. Counting patents by "original" classifications will ensure that each patent is counted only once. However, if a patent teaches more than one concept, e.g., table and chair, only one concept, e.g., table, will be counted. To ensure that all concepts are counted, patents should be counted in all of their classifications. Patent classifications used to produce this report are those assigned to patents as of December 31, 2006. Please refer to the U.S. Patent and Trademark Office *Manual of Patent Classification* for further information concerning the patent classification system.

This report counts all patent documents including utility, design, plant, and reissue patents as well as statutory invention registrations and defensive publications.

Report Printing and the Use of Spreadsheet Software

This report can be printed from an Internet browser - for such printing, optimal results are usually obtained by printing in landscape orientation with minimal margins and a small text font.

Additionally, a user may import this report file into spreadsheet software such as Microsoft Excel to facilitate printing. Such spreadsheet software also may facilitate sorting and further manipulation of the data.

Patent Counts By Class By Year
Patents Granted: 1977 - 2006
A Patent Technology Monitoring Team Report

Part I, Patent Counts By Class By Year
Patent Counts Based on ORIGINAL Classification Only

Number of Patents Granted as Distributed by Year of Patent Grant
 Breakout by U.S. Patent Classification System Class

PART I, Patent Counts By Class By Year, Breakout by U.S. Patent Classification System Class.
Patent Counts Based on ORIGINAL Patent Classification Only are presented.
Patents Granted: 01/01/1977 - 12/31/2006

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
001	** Classification Undetermined **	4	0	0	0	0	0	0	2	0	0	1	0	0	2	0	0	0	0	1	1	10	7	28
002	Apparel	1393	222	296	210	285	243	394	341	232	259	269	384	426	508	601	568	550	496	338	408	341	381	9145
004	Baths, Closets, Sinks, and Spittoons	1357	165	151	184	218	272	287	221	249	290	230	198	218	311	409	327	351	398	329	309	231	219	6924
005	Beds	1235	179	271	227	256	295	320	338	268	237	268	335	298	312	314	353	343	333	373	403	389	390	7737
007	Compound Tools	138	23	20	17	28	21	33	21	34	25	14	28	25	31	40	41	46	39	33	38	39	39	773
008	Bleaching and Dyeing; Fluid Treatment and Chemical Modification of Textiles and Fibers	1931	162	171	202	245	172	194	176	201	202	188	211	159	228	310	239	187	194	243	212	136	194	6157
012	Boot and Shoe Making	205	22	25	12	17	21	14	11	14	13	7	11	10	14	20	6	11	6	9	9	4	9	470
014	Bridges	190	22	40	20	27	31	32	22	25	35	44	41	30	39	40	32	28	53	38	49	34	46	918
015	Brushing, Scrubbing, and General Cleaning	2336	257	315	341	370	338	366	338	314	446	432	446	394	544	599	620	506	446	500	425	351	347	11031
016	Miscellaneous Hardware	867	73	165	154	217	117	177	135	132	130	148	179	164	216	202	227	198	270	258	215	190	231	4665
019	Textiles: Fiber Preparation	515	43	66	49	76	87	122	65	54	68	66	54	54	47	45	58	65	52	42	22	20	28	1698
023	Chemistry: Physical Processes	144	13	12	6	4	11	5	15	10	19	12	5	5	13	7	14	10	11	8	5	11	6	346
024	Buckles, Buttons, Clasps, Etc.	1496	185	233	176	220	256	257	243	210	225	236	227	293	288	299	276	306	357	322	205	144	223	6677
026	Textiles: Cloth Finishing	148	16	19	13	20	28	17	18	12	11	26	20	17	23	25	14	12	7	9	7	8	6	476
027	Undertaking	67	6	5	9	11	15	11	14	13	13	14	16	28	24	20	23	23	12	25	15	12	13	389
028	Textiles: Manufacturing	390	26	36	32	42	77	59	53	39	64	60	38	47	39	45	54	44	51	45	46	23	45	1355
029	Metal Working	5631	915	982	894	1044	830	992	980	1050	961	878	923	975	1201	1120	1253	1378	1256	1471	1398	1243	1494	28869
030	Cutlery	1705	250	245	186	299	286	339	237	202	221	213	234	228	276	304	291	282	306	299	276	221	230	7130
033	Geometrical Instruments	2420	356	307	232	272	364	363	335	250	235	320	245	195	255	213	318	341	407	386	374	398	379	8965
034	Drying and Gas or Vapor Contact with Solids	1432	161	196	151	151	152	183	189	199	201	167	249	229	241	284	349	234	256	184	202	193	187	5790
036	Boots, Shoes, and Leggings	951	168	180	158	171	193	148	112	141	165	160	146	177	258	258	227	202	194	185	217	196	214	4821
037	Excavating	727	55	66	64	94	75	88	94	82	50	85	103	79	101	112	122	108	139	108	115	103	95	2665
038	Textiles: Ironing or Smoothing	188	30	29	20	29	25	33	22	12	38	29	32	37	34	33	38	30	36	23	36	20	39	813
040	Card, Picture, or Sign Exhibiting	1452	109	182	199	242	189	194	132	145	197	189	176	187	214	240	265	262	249	312	245	202	173	5755
042	Firearms	704	103	113	93	120	136	154	100	93	108	139	108	144	149	136	87	164	189	195	155	120	130	3440

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
043	Fishing, Trapping, and Vermin Destroying	1416	220	290	262	410	281	253	263	284	273	212	274	176	184	346	292	206	243	296	222	195	170	6768
044	Fuel and Related Compositions	1122	122	122	113	129	84	92	81	86	103	96	105	79	100	105	119	98	77	112	89	46	28	3108
047	Plant Husbandry	894	94	84	109	138	140	152	141	130	162	173	178	130	143	192	236	200	222	206	128	103	107	4062
048	Gas: Heating and Illuminating	613	48	52	39	62	62	22	19	23	12	34	23	42	44	28	19	24	7	21	35	27	50	1306
049	Movable or Removable Closures	1094	182	192	121	194	186	204	148	167	166	174	176	139	176	182	236	194	191	168	187	140	139	4756
051	Abrasive Tool Making Process, Material, or Composition	313	27	35	34	51	57	62	86	89	58	51	69	73	42	52	45	70	77	82	71	41	31	1516
052	Static Structures (e.g., Buildings)	4725	776	772	614	776	715	691	608	644	691	619	752	831	1002	987	1016	1141	981	857	775	683	567	21223
053	Package Making	2025	388	358	305	369	362	401	337	301	278	418	391	436	538	394	455	387	359	418	424	378	352	10074
054	Harness for Working Animal	93	16	10	14	16	17	24	25	16	19	16	15	12	27	12	31	24	33	35	31	13	27	526
055	Gas Separation	809	83	94	73	98	98	98	118	114	64	77	96	103	184	152	170	172	190	169	177	150	148	3437
056	Harvesters	1576	129	172	183	191	244	216	176	176	172	198	158	116	214	238	229	182	205	201	178	199	165	5518
057	Textiles: Spinning, Twisting, and Twining	1547	195	203	152	161	149	69	133	113	142	111	109	111	162	116	107	132	98	61	66	50	75	4062
059	Chain, Staple, and Horseshoe Making	172	15	16	12	23	15	16	19	20	23	20	12	20	27	27	23	41	28	29	24	27	30	639
060	Power Plants	4516	412	534	555	554	522	519	644	634	644	620	503	537	710	672	740	1025	974	944	951	947	1096	19253
062	Refrigeration	3580	461	518	517	582	574	583	572	710	653	636	632	685	791	902	884	1045	1099	1022	813	660	798	18717
063	Jewelry	153	21	17	35	31	26	37	48	34	28	36	42	55	40	33	41	36	56	52	43	26	40	930
065	Glass Manufacturing	2005	215	233	232	277	220	207	234	175	174	101	118	200	234	251	175	194	200	202	223	124	139	6133
066	Textiles: Knitting	741	84	95	86	90	35	86	71	80	74	69	94	73	73	89	141	128	71	70	82	81	80	2493
068	Textiles: Fluid Treating Apparatus	526	33	50	60	63	60	63	50	70	62	62	70	80	112	111	69	49	79	72	29	33	35	1838
069	Leather Manufactures	78	4	3	5	6	3	7	1	2	1	0	2	3	1	2	2	1	1	1	4	7	0	134
070	Locks	1318	163	249	200	262	223	239	171	189	182	210	201	242	338	319	248	211	285	309	222	212	203	6196
071	Chemistry: Fertilizers	457	44	27	33	35	31	37	53	38	40	61	44	59	58	42	39	62	64	24	27	14	12	1301
072	Metal Deforming	3253	423	363	392	396	376	384	326	326	325	277	325	389	470	500	435	450	343	350	322	259	458	11142
073	Measuring and Testing	8951	1141	1098	1016	1287	1205	1154	1070	1125	1372	1356	1463	1347	1653	1528	1517	1575	1684	2055	1727	1779	1913	39016
074	Machine Element or Mechanism	3089	439	468	464	557	487	438	514	594	409	373	490	425	618	626	613	605	561	492	410	355	389	13416
075	Specialized Metallurgical Processes, Compositions for Use Therein, Consolidated Metal Powder Compositions, and Loose Metal Particulate Mixtures	2073	215	197	246	211	236	203	192	227	223	245	175	150	200	247	231	274	289	235	190	131	102	6492
076	Metal Tools and Implements, Making	243	32	32	31	39	16	41	38	23	27	44	28	24	23	19	31	21	19	22	15	10	9	787
079	Button Making	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1	8
081	Tools	1141	174	141	213	233	201	211	185	187	197	142	193	130	184	285	352	407	293	228	256	310	416	6079
082	Turning	582	97	98	62	79	67	82	74	63	54	33	41	64	73	82	68	75	55	109	50	45	49	2002
083	Cutting	2318	291	309	206	246	259	308	282	259	235	183	157	177	301	337	314	286	204	264	320	210	272	7738

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
084	Music	2072	175	263	173	222	251	239	252	299	305	343	323	273	342	417	381	347	306	277	274	234	316	8084
086	Ammunition and Explosive-Charge Making	141	16	15	16	20	18	18	19	18	17	16	10	14	21	10	11	16	15	15	7	14	15	462
087	Textiles: Braiding, Netting, and Lace Making	61	11	5	16	10	13	8	8	7	9	11	6	6	13	15	7	8	11	9	5	2	8	249
089	Ordnance	921	120	185	122	156	181	152	159	129	134	134	80	111	123	108	83	124	118	126	117	87	84	3554
091	Motors: Expansible Chamber Type	1266	106	139	160	140	122	107	133	122	92	67	87	77	111	77	80	92	104	81	92	69	79	3403
092	Expansible Chamber Devices	576	91	114	125	142	105	135	90	93	101	101	93	111	141	136	99	153	160	144	113	105	99	3027
095	Gas Separation: Processes	1030	104	135	167	164	153	163	180	152	122	134	136	132	205	216	205	227	272	276	218	166	211	4768
096	Gas Separation: Apparatus	1004	100	160	122	125	125	122	112	108	93	97	111	124	138	133	126	130	168	159	142	116	108	3623
099	Foods and Beverages: Apparatus	1328	150	211	201	202	220	201	210	254	234	309	279	320	306	352	332	332	277	278	247	173	176	6592
100	Presses	1014	75	92	105	72	54	107	115	117	113	99	103	103	135	105	82	82	56	129	105	82	107	3052
101	Printing	2078	221	221	207	271	264	302	327	309	319	339	357	366	527	447	431	385	438	547	581	333	353	9623
102	Ammunition and Explosives	1302	162	258	209	231	215	261	203	197	182	180	155	143	155	132	121	215	192	213	151	137	141	5155
104	Railways	679	83	94	90	91	122	92	96	81	71	82	86	102	73	52	65	91	105	84	57	47	33	2376
105	Railway Rolling Stock	610	68	85	58	71	70	78	82	72	69	78	77	71	91	55	65	99	91	81	50	67	49	2137
106	Compositions: Coating or Plastic	2434	208	262	283	287	264	344	426	376	483	406	394	415	555	518	427	428	474	489	490	311	372	10646
108	Horizontally Supported Planar Surfaces	609	64	86	75	130	89	73	97	76	145	138	167	158	159	176	190	152	155	149	159	111	118	3276
109	Safes, Bank Protection, or a Related Device	177	21	38	18	22	20	12	8	18	12	11	12	22	21	16	11	7	12	14	8	12	5	497
110	Furnaces	851	137	121	149	132	154	144	124	108	137	80	104	121	143	82	93	119	92	50	68	79	62	3150
111	Planting	319	50	38	43	25	44	36	30	26	38	41	55	47	38	59	59	68	48	66	58	47	59	1294
112	Sewing	1816	226	262	164	197	160	214	171	143	127	134	178	156	181	188	157	146	87	65	112	92	89	5065
114	Ships	1764	196	317	251	286	283	294	255	239	259	268	271	256	257	277	336	318	274	290	258	322	332	7603
116	Signals and Indicators	569	57	46	47	73	67	87	58	63	81	58	57	52	39	51	59	66	75	65	73	60	48	1851
117	Single-Crystal, Oriented-Crystal, and Epitaxy Growth Processes; Non-Coating Apparatus Therefor	592	95	100	77	98	102	88	108	129	151	177	138	127	203	236	226	190	187	178	192	175	184	3753
118	Coating Apparatus	1608	198	229	152	231	246	269	271	290	273	323	369	375	408	431	554	544	479	445	367	299	259	8620
119	Animal Husbandry	1476	150	158	187	210	257	311	310	277	291	248	279	283	456	391	357	356	437	434	299	304	326	7797
122	Liquid Heaters and Vaporizers	771	93	121	89	112	101	76	56	68	99	47	59	35	86	82	82	82	82	86	65	64	46	2402
123	Internal-Combustion Engines	8362	924	1084	956	1076	1116	1196	1154	1082	843	864	1076	1108	1294	1240	1397	1752	1777	1743	1664	1623	1836	35167
124	Mechanical Guns and Projectors	425	62	77	61	87	70	79	77	84	92	108	104	138	106	109	101	82	79	114	138	81	71	2345
125	Stone Working	217	22	32	25	31	45	21	28	36	24	20	24	31	41	47	68	64	61	39	38	47	63	1024
126	Stoves and Furnaces	3649	268	258	210	225	240	198	144	149	167	169	139	143	162	230	224	184	122	164	166	154	78	7443
127	Sugar, Starch, and Carbohydrates	273	25	25	26	36	19	31	30	20	25	23	22	18	32	47	21	26	25	12	15	6	11	768
128	Surgery	1290	194	230	151	339	306	365	294	324	390	389	494	522	653	558	588	481	522	573	521	411	505	10100
131	Tobacco	1096	166	157	138	146	157	164	174	94	83	90	91	92	129	80	89	61	67	73	92	45	30	3314

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
132	Toilet	631	125	89	73	92	107	134	118	103	130	96	136	140	244	322	239	188	169	157	102	66	94	3555
134	Cleaning and Liquid Contact with Solids	1163	131	159	208	256	205	270	262	270	317	322	303	322	433	549	438	462	514	554	391	302	273	8104
135	Tent, Canopy, Umbrella, or Cane	307	49	47	63	107	75	62	74	86	126	90	95	105	131	112	122	186	134	93	123	81	78	2346
136	Batteries: Thermoelectric and Photoelectric	746	85	105	71	53	57	71	63	72	76	91	85	65	72	118	173	203	179	147	113	55	59	2759
137	Fluid Handling	5116	606	693	588	735	676	699	678	662	623	581	555	540	746	903	948	1020	722	673	686	693	678	19821
138	Pipes and Tubular Conduits	1012	102	125	103	112	84	105	75	81	111	127	113	110	172	240	275	216	177	158	135	152	150	3935
139	Textiles: Weaving	1038	120	125	107	125	128	142	124	100	110	119	100	98	109	89	137	156	98	41	67	95	102	3330
140	Wireworking	331	35	38	28	22	31	27	35	29	25	26	33	33	37	33	31	26	21	28	19	8	33	929
141	Fluent Material Handling, with Receiver or Receiver Coacting Means	1203	156	184	110	177	176	173	184	217	255	209	228	215	237	298	251	347	312	289	335	268	275	6099
142	Wood Turning	21	5	1	1	1	3	3	5	1	1	1	3	2	1	5	2	2	0	1	0	0	0	59
144	Woodworking	931	111	99	102	123	121	106	130	87	109	101	80	91	107	139	133	110	111	121	72	53	109	3146
147	Coopering	1	0	1	0	1	0	0	0	0	0	1	0	0	1	0	0	4	0	0	0	0	0	9
148	Metal Treatment	2130	250	243	280	352	313	318	379	386	367	378	339	293	393	406	403	469	480	468	345	227	202	9421
149	Explosive and Thermic Compositions or Charges	536	36	54	33	51	65	77	31	27	19	52	82	46	55	41	73	57	43	61	45	62	25	1571
150	Purses, Wallets, and Protective Covers	82	8	11	14	17	23	18	21	21	19	15	15	10	20	17	28	23	18	21	15	9	13	438
152	Resilient Tires and Wheels	993	88	116	131	146	127	116	116	160	160	135	104	125	143	130	178	170	233	224	169	150	173	4087
156	Adhesive Bonding and Miscellaneous Chemical Manufacture	5227	566	654	673	789	766	655	695	767	758	806	751	887	1058	1128	1070	1076	1078	1190	1049	749	731	23123
157	Wheelwright Machines	121	16	9	19	20	11	20	15	18	10	8	7	5	5	7	15	23	8	14	7	12	16	386
159	Concentrating Evaporators	218	18	16	13	13	13	14	28	26	10	12	11	5	14	9	8	5	7	3	7	14	7	471
160	Flexible or Portable Closure, Partition, or Panel	661	63	109	102	161	123	157	170	123	122	125	159	165	173	171	244	212	172	187	193	168	162	3922
162	Paper Making and Fiber Liberation	1322	115	114	153	192	230	189	226	215	206	224	269	295	330	286	325	423	427	308	271	192	210	6522
163	Needle and Pin Making	7	1	1	2	1	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	15
164	Metal Founding	1648	303	300	260	248	251	260	187	258	260	175	196	200	225	244	162	205	261	290	201	218	234	6586
165	Heat Exchange	2594	339	368	314	355	319	351	316	307	335	253	301	266	346	380	370	420	373	345	417	424	544	10037
166	Wells	2844	425	530	359	437	378	402	400	417	528	406	308	248	386	423	518	632	525	596	648	514	841	12765
168	Farriery	41	8	5	9	7	6	14	14	12	9	2	7	9	8	6	12	10	16	10	10	6	3	224
169	Fire Extinguishers	296	44	52	29	44	43	53	63	45	33	32	59	56	67	88	96	49	52	45	49	49	58	1402
171	Unearthing Plants or Buried Objects	104	8	7	5	10	13	8	5	8	6	8	5	5	6	2	7	4	5	6	5	4	6	237
172	Earth Working	1276	107	96	69	136	107	86	83	75	82	109	110	94	134	111	131	127	100	87	97	91	90	3398
173	Tool Driving or Impacting	641	66	78	61	100	53	77	86	46	65	53	57	54	76	86	99	91	66	90	115	104	124	2288
174	Electricity: Conductors and Insulators	1763	186	251	233	290	223	288	243	336	364	403	355	316	488	416	516	914	954	792	751	682	652	11416

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
175	Boring or Penetrating the Earth	1341	181	199	168	206	169	191	184	160	223	170	181	154	214	233	270	306	276	261	229	203	275	5794
177	Weighing Scales	759	124	127	97	142	76	64	89	90	75	41	36	60	111	92	57	69	84	87	94	65	85	2524
178	Telegraphy	272	35	65	37	48	27	39	32	32	26	41	55	40	36	32	10	14	11	11	14	5	10	892
180	Motor Vehicles	2386	351	438	407	430	351	419	355	327	340	215	303	200	357	416	457	493	536	575	507	574	581	11018
181	Acoustics	983	126	125	122	162	125	118	109	113	98	112	111	101	154	173	172	126	152	179	144	126	72	3703
182	Fire Escape, Ladder, or Scaffold	907	147	147	126	125	133	151	169	83	138	104	97	104	151	191	162	130	166	129	153	138	144	3795
184	Lubrication	282	29	30	44	41	75	69	54	71	54	53	59	42	52	44	60	69	66	62	41	39	41	1377
185	Motors: Spring, Weight, or Animal Powered	36	7	9	4	4	5	0	3	5	3	5	0	4	3	5	4	3	6	2	4	2	1	115
186	Merchandising	53	7	4	7	5	9	11	20	10	8	9	13	9	12	9	10	6	7	17	10	3	3	242
187	Elevator, Industrial Lift Truck, or Stationary Lift for Vehicle	602	61	98	91	61	64	125	106	114	123	101	120	111	154	182	116	132	171	102	70	67	112	2883
188	Brakes	1772	230	225	224	300	197	227	236	212	238	275	295	203	254	307	295	481	448	315	251	290	302	7577
190	Trunks and Hand-Carried Luggage	139	16	18	28	31	19	24	42	24	26	37	37	31	37	38	39	47	39	47	23	26	31	799
191	Electricity: Transmission To Vehicles	138	13	16	11	12	9	17	16	20	16	10	13	21	18	15	14	35	23	15	13	14	12	471
192	Clutches and Power-Stop Control	1786	340	344	194	281	304	327	289	179	162	177	245	280	266	393	359	275	298	326	297	225	260	7607
193	Conveyors, Chutes, Skids, Guides, and Ways	183	17	23	16	14	18	25	18	20	13	14	9	11	4	26	26	35	28	17	16	11	19	563
194	Check-Actuated Control Mechanisms	366	41	38	34	59	41	57	56	60	68	89	83	51	56	84	81	66	34	56	45	52	36	1553
196	Mineral Oils: Apparatus	59	5	4	5	2	3	6	4	5	3	2	2	4	5	2	4	1	1	0	0	0	2	119
198	Conveyors: Power-Driven	2364	287	357	355	405	387	425	468	389	423	327	304	282	321	422	421	523	474	486	412	313	342	10487
199	Type Casting	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
200	Electricity: Circuit Makers and Breakers	2839	258	309	283	293	277	263	208	233	259	239	251	249	389	363	345	275	325	384	418	359	414	9233
201	Distillation: Processes, Thermolytic	297	12	14	6	11	9	7	10	1	6	13	5	14	12	3	5	3	1	3	3	4	10	449
202	Distillation: Apparatus	591	42	37	35	31	38	28	27	44	32	36	29	31	31	35	24	25	21	26	21	18	23	1225
203	Distillation: Processes, Separatory	635	65	70	50	54	79	56	86	83	62	80	62	68	84	74	48	40	71	43	33	36	35	1914
204	Chemistry: Electrical and Wave Energy	3616	414	391	332	506	460	376	493	466	531	488	421	425	477	545	691	723	682	608	519	404	341	13909
205	Electrolysis: Processes, Compositions Used Therein, and Methods of Preparing the Compositions	3296	340	328	284	327	326	282	343	338	346	329	294	285	277	350	334	468	392	349	352	240	204	10084
206	Special Receptacle or Package	3342	396	516	539	699	623	588	571	597	655	631	631	614	853	872	804	685	617	561	486	530	494	16304
208	Mineral Oils: Processes and Products	2988	284	239	253	314	293	274	207	206	280	183	126	134	153	255	207	193	169	152	145	106	117	7278
209	Classifying, Separating, and Assorting Solids	1828	172	178	213	226	187	178	183	198	187	182	166	159	166	221	220	227	175	160	184	146	143	5699
210	Liquid Purification or Separation	5819	672	867	923	1091	1018	1134	1282	1204	955	1043	1119	1115	1163	1166	1176	1230	1055	1001	1002	897	880	27812
211	Supports: Racks	1011	178	166	184	175	206	239	248	232	246	185	234	258	332	303	321	308	300	293	251	227	227	6124

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total	
212	Traversing Hoists	347	38	56	37	28	32	36	42	30	16	26	24	44	47	37	51	38	30	53	22	14	34	1082	
213	Railway Draft Appliances	131	19	12	6	5	14	14	28	11	14	14	27	14	15	14	13	22	14	5	14	5	10	421	
215	Bottles and Jars	1064	155	161	203	201	145	162	153	126	122	156	122	133	186	197	165	135	117	102	93	91	118	4107	
216	Etching a Substrate: Processes	552	94	93	85	124	139	142	137	229	205	208	157	193	238	229	215	224	246	256	229	197	241	4433	
217	Wooden Receptacles	29	5	5	4	4	2	0	2	1	5	2	2	0	5	5	3	1	1	1	0	2	1	80	
218	High-Voltage Switches with Arc Preventing or Extinguishing Devices	640	62	88	59	46	45	44	50	34	39	26	52	34	79	55	47	65	60	48	57	33	30	1693	
219	Electric Heating	4780	617	760	644	805	743	685	670	691	720	639	601	557	838	955	1162	1131	1121	1046	1085	950	1024	22224	
220	Receptacles	2250	295	294	341	450	446	402	406	412	393	377	383	347	453	515	481	489	401	283	285	230	287	10220	
221	Article Dispensing	725	86	97	78	100	96	123	116	114	110	119	127	85	135	144	152	174	141	184	151	98	142	3297	
222	Dispensing	2974	350	394	378	485	539	573	535	510	573	520	465	437	557	790	629	649	642	448	470	420	415	13753	
223	Apparel Apparatus	279	47	47	32	31	44	71	60	31	30	49	53	73	61	82	94	85	51	36	55	44	39	1394	
224	Package and Article Carriers	977	74	95	163	204	199	208	158	206	203	256	260	267	319	302	246	295	252	224	224	141	110	5383	
225	Severing by Tearing or Breaking	292	35	35	30	29	25	40	56	36	36	32	31	23	36	35	21	26	29	37	37	30	31	982	
226	Advancing Material of Indeterminate Length	606	50	47	57	84	47	35	37	47	60	42	33	35	80	58	47	51	53	43	26	18	16	1572	
227	Elongated-Member-Driving Apparatus	581	128	99	83	105	70	90	80	70	78	93	106	123	126	110	124	94	83	120	148	133	175	2819	
228	Metal Fusion Bonding	1012	206	203	204	275	197	235	278	299	273	241	203	203	181	259	371	384	328	300	304	256	191	6403	
229	Envelopes, Wrappers, and Paperboard Boxes	1203	124	143	184	205	204	227	184	190	221	186	162	141	200	199	191	188	153	118	58	97	76	4654	
231	Whips and Whip Apparatus	7	0	1	1	1	0	2	0	0	0	0	0	1	0	0	4	0	1	0	0	0	0	0	18
232	Deposit and Collection Receptacles	159	11	26	34	35	34	30	27	16	17	38	22	23	25	28	19	23	18	21	25	27	37	695	
234	Selective Cutting (e.g., Punching)	20	2	2	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	3	2	8	43	
235	Registers	1117	149	166	202	319	193	234	239	316	311	365	350	319	445	566	599	514	597	797	813	615	1041	10267	
236	Automatic Temperature and Humidity Regulation	799	69	90	62	81	70	55	61	93	78	59	56	45	67	87	80	82	86	75	68	59	64	2286	
237	Heating Systems	329	43	45	28	28	42	28	26	32	25	19	23	24	49	45	46	38	39	39	31	23	25	1027	
238	Railways: Surface Track	246	23	24	31	28	34	20	36	14	17	20	27	20	31	14	21	32	36	24	23	13	19	753	
239	Fluid Sprinkling, Spraying, and Diffusing	2657	341	358	351	394	397	384	387	398	421	340	306	354	531	574	639	479	498	537	633	513	557	12049	
241	Solid Material Comminution or Disintegration	1469	236	256	222	225	226	217	199	247	236	225	249	218	245	280	212	174	198	215	156	148	201	6054	
242	Winding, Tensioning, or Guiding	3388	377	434	483	474	448	377	339	447	549	367	445	421	574	536	528	442	506	463	367	338	339	12642	
244	Aeronautics and Astronautics	1749	224	330	294	287	251	350	391	294	283	238	223	213	404	386	435	446	449	440	428	349	369	8833	
245	Wire Fabrics and Structure	12	0	2	1	0	1	1	0	1	0	0	0	0	1	0	1	3	0	0	0	1	2	26	
246	Railway Switches and Signals	184	12	20	20	16	23	21	27	26	29	33	38	37	45	16	31	33	37	37	24	16	28	753	
248	Supports	2549	379	504	425	563	610	710	664	491	537	492	490	493	753	723	803	684	797	740	496	402	465	14770	
249	Static Molds	631	48	75	72	74	45	35	41	39	28	31	35	45	50	39	35	54	45	45	60	39	57	1623	

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total	
250	Radiant Energy	4799	767	1101	1009	1308	1271	1369	1233	1103	1198	1143	1029	908	1153	1056	1062	1317	1513	1753	1866	1552	2283	31793	
251	Valves and Valve Actuation	1695	206	246	198	239	267	218	261	245	250	166	178	167	244	286	341	244	254	284	326	367	382	7064	
252	Compositions	2782	335	369	349	409	408	522	546	542	535	502	532	501	664	654	602	511	432	553	528	326	442	13044	
254	Implements or Apparatus for Applying Pushing or Pulling Force	1031	103	111	97	124	91	78	114	130	91	72	85	99	100	144	150	135	138	162	116	124	148	3443	
256	Fences	312	28	43	35	44	47	36	39	39	34	38	45	54	51	49	62	70	46	73	57	63	54	1319	
257	Active Solid-State Devices (e.g., Transistors, Solid-State Diodes)	2421	409	547	485	753	958	1242	1119	1006	1388	1365	1543	1621	2418	2621	2714	2973	3574	4289	4683	4280	4489	46898	
258	Railway Mail Delivery	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
260	Chemistry of Carbon Compounds	22	1	1	1	1	0	2	4	8	6	3	1	3	4	0	3	10	2	2	2	2	0	78	
261	Gas and Liquid Contact Apparatus	1276	89	87	94	100	102	98	101	86	67	75	101	92	86	111	119	136	130	124	121	78	117	3390	
264	Plastic and Nonmetallic Article Shaping or Treating: Processes	5365	539	483	610	817	812	906	1018	997	750	805	772	891	1112	995	975	997	885	999	988	658	647	23021	
266	Metallurgical Apparatus	1246	131	116	123	125	108	129	117	111	145	120	87	79	75	86	92	92	88	94	69	43	37	3313	
267	Spring Devices	519	113	157	200	209	143	123	145	146	124	107	117	110	121	149	158	184	221	176	109	82	113	3526	
269	Work Holders	716	86	109	85	134	115	80	107	85	74	57	82	64	104	127	137	123	122	122	95	86	89	2799	
270	Sheet-Material Associating	304	51	38	60	42	68	95	99	52	55	63	60	63	68	34	33	60	45	52	66	32	55	1495	
271	Sheet Feeding or Delivering	1361	221	233	178	233	230	342	383	351	287	261	229	241	202	324	319	358	289	379	251	219	214	7105	
273	Amusement Devices: Games	1966	156	197	183	283	278	284	295	258	338	337	312	326	360	311	293	312	322	301	218	189	218	7737	
276	Typesetting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
277	Seal for a Joint or Juncture	1703	181	149	146	202	123	192	183	188	165	134	240	212	182	226	258	326	296	263	249	206	187	6011	
278	Land Vehicles: Animal Draft Appliances	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	5	
279	Chucks or Sockets	291	53	51	34	40	30	47	47	49	61	52	38	26	57	72	47	71	55	76	37	57	23	1314	
280	Land Vehicles	4401	602	649	621	694	683	817	698	795	929	926	1012	817	1115	1184	1396	1500	1377	1153	1147	1112	1140	24768	
281	Books, Strips, and Leaves	141	43	38	30	48	48	43	42	55	37	45	37	46	51	71	54	48	34	19	24	17	15	986	
283	Printed Matter	209	58	58	43	73	74	87	85	88	97	100	75	79	120	138	125	117	77	54	66	33	33	1889	
285	Pipe Joints or Couplings	1729	300	337	223	310	256	258	319	250	324	265	253	189	299	315	287	293	346	294	229	251	251	7578	
289	Knots and Knot Tying	72	11	6	7	7	4	4	2	2	1	1	5	9	3	7	5	10	7	10	7	4	3	187	
290	Prime-Mover Dynamo Plants	651	43	60	55	59	35	31	42	22	34	34	17	26	65	54	83	108	106	98	168	183	199	2173	
291	Track Sanders	9	1	0	4	0	3	0	1	0	0	0	3	0	0	0	1	0	1	2	1	5	1	32	
292	Closure Fasteners	1131	141	194	144	205	241	255	220	148	113	134	211	196	184	189	235	126	242	238	162	160	182	5051	
293	Vehicle Fenders	210	18	37	22	24	33	32	38	26	21	19	15	22	30	28	32	61	53	55	69	74	54	973	
294	Handling: Hand and Hoist-Line Implements	1255	157	194	176	174	147	141	165	169	170	165	183	181	239	210	241	195	211	153	81	91	142	4840	
295	Railway Wheels and Axles	26	2	5	2	1	3	4	1	1	1	0	4	4	0	9	2	3	4	5	4	1	0	82	
296	Land Vehicles: Bodies and Tops	1490	196	298	266	325	371	392	320	290	278	238	317	285	434	538	622	794	727	771	786	730	822	11290	
297	Chairs and Seats	1591	279	346	300	353	262	273	299	233	457	344	460	447	540	591	652	490	556	640	629	480	626	10848	

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total	
298	Land Vehicles: Dumping	129	10	12	9	13	10	14	11	14	11	20	20	7	17	11	21	25	16	27	24	17	13	451	
299	Mining or In Situ Disintegration of Hard Material	1118	76	100	75	78	73	56	78	55	39	43	40	45	39	39	45	57	53	45	36	36	36	2262	
300	Brush, Broom, and Mop Making	23	8	10	10	11	13	7	15	9	9	13	12	15	12	12	5	12	12	13	12	8	3	244	
301	Land Vehicles: Wheels and Axles	337	42	46	46	46	56	63	62	49	59	48	75	56	79	86	121	128	132	119	98	79	90	1917	
303	Fluid-Pressure and Analogous Brake Systems	941	120	181	196	210	159	170	176	223	218	220	217	191	216	231	274	302	247	187	132	142	140	5093	
305	Wheel Substitutes for Land Vehicles	232	24	21	12	33	18	15	17	15	20	22	14	18	34	31	41	44	51	46	28	31	27	794	
307	Electrical Transmission or Interconnection Systems	1104	98	191	197	188	99	104	117	178	138	164	222	274	320	386	326	276	288	316	300	141	286	5713	
310	Electrical Generator or Motor Structure	2855	361	500	402	494	440	489	508	491	480	432	427	492	864	873	908	997	987	877	1365	1105	1055	17402	
312	Supports: Cabinet Structure	1172	143	128	151	158	136	149	170	195	162	213	193	191	235	262	272	207	247	218	207	172	128	5109	
313	Electric Lamp and Discharge Devices	2036	276	323	356	388	340	337	292	269	206	299	397	376	607	610	556	601	729	1031	915	692	768	12404	
314	Electric Lamp and Discharge Devices: Consumable Electrodes	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	8
315	Electric Lamp and Discharge Devices: Systems	2477	257	385	299	290	409	480	364	320	332	401	357	305	453	472	539	617	730	750	643	517	576	11973	
318	Electricity: Motive Power Systems	2818	337	447	361	392	445	427	415	468	420	423	468	419	665	622	634	586	580	528	564	558	757	13334	
320	Electricity: Battery or Capacitor Charging or Discharging	409	71	96	52	50	32	58	105	122	110	102	149	267	245	323	361	397	355	296	251	208	183	4242	
322	Electricity: Single Generator Systems	321	29	49	32	27	32	44	35	42	36	18	55	53	62	37	49	50	38	37	62	36	67	1211	
323	Electricity: Power Supply or Regulation Systems	875	142	184	118	144	132	110	136	110	130	168	197	260	267	311	305	334	326	292	275	292	400	5508	
324	Electricity: Measuring and Testing	3591	542	840	799	1032	862	875	922	876	829	1023	1244	985	986	939	1181	1478	1907	1847	1837	1698	1965	28258	
326	Electronic Digital Logic Circuitry	659	149	213	177	233	222	310	321	237	285	351	368	304	329	357	535	584	585	497	546	507	528	8297	
327	Miscellaneous Active Electrical Nonlinear Devices, Circuits, and Systems	2574	359	443	362	442	379	450	540	393	531	642	717	597	987	1093	1219	1408	1453	1257	1205	1066	1288	19405	
329	Demodulators	242	71	28	28	53	29	27	39	17	30	42	28	31	36	30	36	32	17	24	27	17	17	901	
330	Amplifiers	1625	197	169	214	228	189	245	251	195	269	252	208	209	266	354	426	451	477	551	589	478	651	8494	
331	Oscillators	1008	209	158	122	173	151	161	186	127	158	173	169	176	228	220	268	299	223	345	356	293	380	5583	
332	Modulators	180	30	22	21	31	21	33	36	21	33	48	39	24	41	35	27	32	25	38	21	21	25	804	
333	Wave Transmission Lines and Networks	1719	220	264	241	214	185	256	248	204	265	235	218	214	339	346	358	309	471	589	537	513	480	8425	
334	Tuners	82	4	4	1	3	4	0	0	2	2	1	0	0	4	4	1	2	4	2	1	3	4	128	
335	Electricity: Magnetically Operated Switches, Magnets, and Electromagnets	1275	173	206	146	172	159	179	155	154	195	156	179	151	123	220	193	222	202	204	243	245	240	5192	
336	Inductor Devices	528	52	51	49	73	53	49	41	55	68	66	76	48	110	102	127	136	179	203	184	243	222	2715	

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
337	Electricity: Electrothermally or Thermally Actuated Switches	782	62	84	56	78	69	53	72	63	46	31	39	69	99	105	64	48	76	106	81	38	46	2167
338	Electrical Resistors	843	56	139	110	110	112	104	84	92	106	49	67	63	86	118	103	100	105	80	52	50	97	2726
340	Communications: Electrical	3929	501	678	561	873	691	666	626	655	667	838	961	1073	1384	1395	1544	1433	1306	1092	1486	1490	2220	26069
341	Coded Data Generation or Conversion	1144	248	191	178	247	285	296	259	291	250	313	319	473	568	442	460	645	768	724	720	653	816	10290
342	Communications: Directive Radio Wave Systems and Devices (e.g., Radar, Radio Navigation)	1695	210	274	196	252	271	315	322	301	354	340	418	300	404	462	500	529	594	569	587	420	515	9828
343	Communications: Radio Wave Antennas	1200	138	185	208	264	171	184	178	234	207	217	262	250	306	555	608	759	779	594	611	779	895	9584
345	Computer Graphics Processing and Selective Visual Display Systems	1337	205	374	334	438	385	401	419	533	703	760	904	1053	1665	1569	1635	1875	1866	1883	2171	2004	2938	25452
346	Recorders	597	68	59	83	70	75	45	53	49	61	33	20	9	17	22	22	12	12	5	2	4	4	1322
347	Incremental Printing of Symbolic Information	1634	317	368	371	407	437	347	451	470	410	500	597	596	1049	1028	1414	1757	1881	1714	1580	1338	1485	20151
348	Television	3466	658	900	640	765	722	823	822	839	961	940	1042	860	1156	1097	1036	1015	1052	1069	1278	1098	1600	23839
349	Liquid Crystal Cells, Elements and Systems	558	93	172	161	207	176	206	273	237	244	257	385	375	601	509	653	622	628	859	1007	993	952	10168
351	Optics: Eye Examining, Vision Testing and Correcting	670	100	126	146	220	171	170	159	167	150	202	202	196	279	324	313	296	261	315	311	245	296	5319
352	Optics: Motion Pictures	436	24	29	9	11	23	28	25	15	10	12	21	23	18	26	21	20	18	26	36	21	23	875
353	Optics: Image Projectors	444	37	41	39	33	61	43	51	66	72	87	85	95	113	97	101	133	212	257	305	268	402	3042
355	Photocopying	1392	210	211	191	251	293	280	219	126	159	151	95	191	224	252	226	321	270	299	365	345	469	6540
356	Optics: Measuring and Testing	3076	440	727	536	611	526	631	613	590	665	767	708	729	1050	985	1035	708	885	1263	1222	1099	1384	20250
358	Facsimile and Static Presentation Processing	980	202	338	287	401	448	414	474	525	630	587	724	635	915	779	744	677	717	790	825	915	1349	14356
359	Optical: Systems and Elements	3718	515	663	663	797	822	877	958	864	754	753	1064	1120	1604	1563	1652	1773	1842	1912	2088	2011	2374	30387
360	Dynamic Magnetic Information Storage or Retrieval	2925	535	726	610	844	596	694	629	705	764	781	702	754	1121	1143	1212	1120	1200	1250	1469	1130	1475	22385
361	Electricity: Electrical Systems and Devices	3586	477	646	626	770	657	593	789	715	702	854	973	852	1388	1293	1390	1610	1938	1890	1857	1454	1718	26778
362	Illumination	2122	295	319	391	457	463	517	516	401	431	539	531	537	649	670	882	968	980	1089	920	959	1262	15898
363	Electric Power Conversion Systems	1267	188	317	217	278	232	217	195	177	217	222	259	375	403	511	459	489	488	359	308	292	353	7823
365	Static Information Storage and Retrieval	1972	313	355	384	518	465	496	368	629	1014	922	1009	1137	1513	1759	1929	1980	1967	1955	2006	2019	2176	26886
366	Agitating	1497	141	136	170	218	190	136	112	142	193	175	225	160	213	214	204	243	191	205	181	165	147	5258
367	Communications, Electrical: Acoustic Wave Systems and Devices	1291	147	253	188	288	330	265	264	225	207	189	228	173	222	166	193	150	134	134	143	147	143	5480
368	Horology: Time Measuring Systems or Devices	1627	83	140	125	124	105	136	109	139	134	100	113	117	145	140	132	183	158	168	166	125	175	4444
369	Dynamic Information Storage or Retrieval	1521	180	240	269	394	277	414	539	599	555	641	720	722	926	789	792	832	866	932	941	738	1197	15084

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
370	Multiplex Communications	1549	288	362	350	402	414	358	421	524	741	866	1037	907	1232	1514	1832	1941	2241	2576	2923	2745	3814	29037
372	Coherent Light Generators	1206	215	300	365	497	404	435	419	447	560	412	351	353	504	466	473	454	442	702	863	612	588	11068
373	Industrial Electric Heating Furnaces	545	78	81	38	42	27	21	35	58	45	51	55	27	36	72	56	36	42	30	29	14	25	1443
374	Thermal Measuring and Testing	853	131	100	108	146	95	126	151	137	125	59	61	127	193	98	176	138	138	150	143	159	176	3590
375	Pulse or Digital Communications	1294	275	316	284	438	346	439	475	519	610	717	857	869	1242	1245	1345	1358	1462	1573	1677	1569	2395	21305
376	Induced Nuclear Reactions: Processes, Systems, and Elements	1563	228	432	298	278	200	246	297	299	294	185	171	137	185	156	82	115	110	110	94	83	36	5599
377	Electrical Pulse Counters, Pulse Dividers, or Shift Registers: Circuits and Systems	812	75	109	53	83	69	88	89	75	74	80	53	45	53	52	66	45	65	31	40	53	31	2141
378	X-Ray or Gamma Ray Systems or Devices	1570	169	219	186	261	263	323	285	258	218	278	313	275	316	269	379	534	600	452	429	466	632	8695
379	Telephonic Communications	2076	323	363	371	457	415	351	329	357	495	648	738	620	1046	1105	920	968	995	1056	1301	935	1255	17124
380	Cryptography	369	68	92	74	101	109	116	113	140	135	137	141	171	236	158	236	206	167	98	167	228	371	3633
381	Electrical Audio Signal Processing Systems and Devices	1298	145	173	148	204	166	186	182	223	205	257	287	331	510	326	362	278	321	400	493	369	625	7489
382	Image Analysis	762	158	202	237	290	311	475	439	429	417	407	547	654	1320	1353	1244	1413	1241	1625	1782	1362	2304	18972
383	Flexible Bags	342	60	69	93	116	93	101	76	80	85	65	68	61	89	117	134	133	100	81	67	82	68	2180
384	Bearings	1655	217	236	199	239	252	246	221	215	208	227	258	196	258	266	268	311	305	299	266	240	256	6838
385	Optical Waveguides	1443	181	447	618	584	548	684	646	613	578	563	573	675	863	838	867	1322	1616	1901	2007	1917	1980	21464
386	Television Signal Processing for Dynamic Recording or Reproducing	774	124	191	214	234	148	147	180	183	160	179	277	225	334	338	310	334	375	348	363	265	396	6099
388	Electricity: Motor Control Systems	306	44	42	29	40	29	22	13	15	24	21	20	19	16	21	21	10	15	8	13	5	17	750
392	Electric Resistance Heating Devices	432	59	75	61	72	61	62	71	76	79	71	55	66	91	117	131	129	108	80	87	119	125	2227
396	Photography	3851	305	394	367	421	457	478	450	487	531	483	694	752	967	728	673	522	571	475	440	218	228	14492
398	Optical Communications	338	59	103	102	122	109	151	137	120	225	212	261	200	298	338	292	339	407	441	393	306	616	5569
399	Electrophotography	2171	368	373	349	451	532	636	662	690	690	639	904	733	1069	1082	961	935	944	928	973	896	1176	18162
400	Typewriting Machines	1578	245	268	269	325	252	317	295	240	208	238	256	222	321	329	307	243	263	268	288	263	262	7257
401	Coating Implements with Material Supply	542	91	80	98	105	151	182	110	102	118	87	75	67	122	263	225	296	238	199	202	182	195	3730
402	Binder Device Releasably Engaging Aperture or Notch of Sheet	125	28	24	26	35	33	41	29	30	29	29	25	38	51	47	52	47	36	33	31	22	16	827
403	Joints and Connections	1536	231	233	156	177	259	231	221	183	159	170	223	253	270	198	242	294	295	271	241	159	143	6145
404	Road Structure, Process, or Apparatus	575	101	120	97	130	121	137	107	145	128	137	138	103	108	147	141	116	152	149	155	126	175	3308
405	Hydraulic and Earth Engineering	2438	275	422	278	347	350	390	333	382	287	270	366	269	388	352	290	291	344	333	301	251	330	9287
406	Conveyors: Fluid Current	609	59	55	57	76	57	69	57	58	25	22	51	35	42	31	49	65	68	48	30	21	33	1617
407	Cutters, for Shaping	313	59	53	30	36	47	76	61	70	39	26	40	49	77	83	84	72	39	77	81	63	73	1548
408	Cutting by Use of Rotating Axially Moving Tool	735	124	119	109	110	117	141	125	111	129	105	83	101	150	170	95	130	86	104	61	81	121	3107
409	Gear Cutting, Milling, or Planing	502	119	119	109	112	105	97	88	82	87	71	66	91	108	117	115	91	106	97	86	86	97	2551

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
410	Freight Accommodation On Freight Carrier	353	30	38	51	49	39	62	42	29	39	52	47	38	61	71	97	89	80	95	103	80	98	1643
411	Expanded, Threaded, Driven, Headed, Tool-Deformed, or Locked-Threaded Fastener	916	97	179	181	233	224	188	201	183	165	157	171	185	229	197	202	194	176	155	179	142	158	4712
412	Bookbinding: Process and Apparatus	83	10	15	12	13	21	28	28	22	23	22	16	26	20	25	37	26	26	22	19	13	8	515
413	Sheet Metal Container Making	117	14	10	6	14	7	10	13	8	8	1	6	10	11	16	7	3	7	10	12	8	7	305
414	Material or Article Handling	3665	424	498	464	441	491	537	454	435	453	465	478	410	452	482	572	406	464	434	391	290	301	13007
415	Rotary Kinetic Fluid Motors or Pumps	1127	118	215	214	206	170	144	235	244	219	186	234	167	189	189	275	301	380	384	329	363	396	6285
416	Fluid Reaction Surfaces (i.e., Impellers)	1066	114	157	153	162	109	105	155	192	168	158	168	139	131	160	236	238	287	223	212	189	255	4777
417	Pumps	2542	313	293	396	418	349	417	425	443	387	310	423	354	368	443	676	687	646	627	431	270	357	11575
418	Rotary Expansible Chamber Devices	995	130	136	137	142	125	163	163	134	154	145	155	110	129	96	283	231	171	168	142	95	123	4127
419	Powder Metallurgy Processes	408	89	68	64	78	93	81	65	34	94	106	90	73	70	102	75	75	69	88	63	40	42	1967
420	Alloys or Metallic Compositions	933	108	88	108	157	119	145	135	89	101	80	69	57	65	80	58	68	67	59	73	39	18	2716
422	Chemical Apparatus and Process Disinfecting, Deodorizing, Preserving, or Sterilizing	2562	256	331	362	411	406	478	610	599	588	647	561	503	626	683	604	641	643	718	618	528	488	13863
423	Chemistry of Inorganic Compounds	5372	493	510	440	581	521	547	567	540	486	426	409	386	428	495	478	496	483	492	439	378	499	15466
424	Drug, Bio-Affecting and Body Treating Compositions	3693	504	664	692	1086	1012	1124	1186	1263	1252	1340	1563	2452	2865	3116	2735	3121	3193	3032	2147	1708	2162	41910
425	Plastic Article or Earthenware Shaping or Treating: Apparatus	3253	331	403	423	418	405	436	430	427	424	361	377	397	474	386	385	460	410	389	430	275	501	11795
426	Food or Edible Material: Processes, Compositions, and Products	4036	420	442	516	789	714	671	655	625	561	584	635	532	620	883	914	865	734	684	582	325	400	17187
427	Coating Processes	4454	542	622	602	676	602	724	750	695	830	781	783	874	966	1060	1088	960	1009	998	941	698	484	21139
428	Stock Material or Miscellaneous Articles	8937	1437	1516	1582	1843	1799	1698	1952	1833	1917	1981	2199	2355	2785	2990	2768	2958	3109	3216	3229	2278	1954	56336
429	Chemistry: Electrical Current Producing Apparatus, Product, and Process	2482	223	236	238	281	269	258	282	355	388	444	536	485	493	498	670	790	893	924	941	763	786	13235
430	Radiation Imagery Chemistry: Process, Composition, or Product Thereof	5994	827	776	823	1149	1176	1212	1046	1463	1579	1457	1423	1352	1642	1755	1812	1745	1624	1604	1512	1077	1321	34369
431	Combustion	1432	147	165	138	172	168	135	168	159	156	182	166	130	191	256	234	196	171	187	181	169	103	5006
432	Heating	1258	162	94	116	115	124	100	88	80	61	48	53	71	112	136	100	107	88	101	59	48	38	3159
433	Dentistry	1544	179	206	215	261	209	332	309	264	296	211	262	261	442	400	366	455	336	266	240	243	318	7615
434	Education and Demonstration	1136	104	155	133	165	134	145	155	234	192	181	203	172	286	275	288	227	248	269	258	224	182	5366
435	Chemistry: Molecular Biology and Microbiology	3531	510	722	701	926	932	971	1248	1505	1425	1503	2102	2864	4059	4023	3508	3994	3613	3191	2722	2426	3123	49599
436	Chemistry: Analytical and Immunological Testing	1559	147	233	218	271	204	229	289	342	290	319	324	320	462	475	380	424	457	470	422	346	313	8494

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
527	-- Part of the Class 520 Series	82	8	9	8	12	9	18	15	15	6	6	4	8	13	7	5	4	3	3	2	4	4	245
528	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	3730	357	448	487	588	724	732	796	718	660	552	526	596	647	603	592	638	594	513	506	349	527	15883
530	Chemistry: Natural Resins or Derivatives; Peptides or Proteins; Lignins or Reaction Products Thereof	1282	129	220	194	228	188	284	359	362	300	296	341	545	726	719	556	605	571	541	466	443	737	10092
534	Organic Compounds -- Part of the Class 532-570 Series	898	68	80	75	86	116	111	92	102	89	82	115	84	110	77	61	53	53	40	39	31	55	2517
536	Organic Compounds -- Part of the Class 532-570 Series	1146	97	113	119	189	245	223	231	218	196	342	385	500	663	590	474	560	565	540	455	405	556	8812
540	Organic Compounds -- Part of the Class 532-570 Series	2022	145	152	146	155	170	137	139	174	134	158	198	187	167	158	126	131	136	91	71	70	116	4983
544	Organic Compounds -- Part of the Class 532-570 Series	2068	231	200	194	234	220	198	218	226	173	197	203	208	243	229	210	220	247	186	159	153	257	6474
546	Organic Compounds -- Part of the Class 532-570 Series	1972	189	187	205	215	223	188	219	247	224	233	218	269	214	258	237	232	267	256	192	207	271	6723
548	Organic Compounds -- Part of the Class 532-570 Series	2455	200	196	219	273	318	271	283	315	282	289	309	267	270	323	282	273	294	232	161	167	233	7912
549	Organic Compounds -- Part of the Class 532-570 Series	2593	186	209	166	286	249	249	279	319	264	237	234	274	244	281	284	247	328	230	222	170	196	7747
552	Organic Compounds -- Part of the Class 532-570 Series	673	48	45	29	53	49	42	59	40	37	46	49	40	40	47	34	39	53	29	27	22	22	1523
554	Organic Compounds -- Part of the Class 532-570 Series	698	57	49	42	48	46	46	68	79	74	89	63	49	75	98	71	110	113	70	64	56	60	2125
556	Organic Compounds -- Part of the Class 532-570 Series	946	148	151	144	133	152	237	228	226	184	158	190	179	150	212	196	219	201	141	126	103	152	4576
558	Organic Compounds -- Part of the Class 532-570 Series	1601	121	143	126	169	149	128	161	175	121	136	129	128	148	135	134	130	137	111	93	62	81	4318
560	Organic Compounds -- Part of the Class 532-570 Series	2420	232	238	219	258	235	221	249	302	217	181	171	194	223	190	191	203	261	201	165	142	173	6886
562	Organic Compounds -- Part of the Class 532-570 Series	1967	161	165	185	204	207	196	210	242	195	166	149	156	215	205	196	190	231	202	169	133	179	5923
564	Organic Compounds -- Part of the Class 532-570 Series	1648	151	150	132	179	196	239	205	188	182	181	142	195	213	205	214	206	243	169	158	147	187	5530
568	Organic Compounds -- Part of the Class 532-570 Series	3512	323	253	248	310	339	358	354	344	321	307	209	233	378	308	276	391	393	293	252	223	287	9912
570	Organic Compounds -- Part of the Class 532-570 Series	406	29	29	82	97	77	74	90	81	81	87	68	71	113	80	79	99	69	40	44	41	63	1900
585	Chemistry of Hydrocarbon Compounds	1816	187	215	195	224	264	318	238	295	253	231	204	171	245	269	231	224	250	170	159	148	163	6470
588	Hazardous or Toxic Waste Destruction or Containment	373	57	67	43	43	39	17	31	49	71	91	109	81	86	71	60	50	60	46	15	19	27	1505
600	Surgery	2868	493	574	555	800	738	814	828	940	1092	1089	1011	1049	1641	1547	1776	1767	1937	2122	1582	1203	1326	27752
601	Surgery: Kinesitherapy	435	85	88	91	118	127	129	124	102	78	103	91	84	141	92	101	153	118	122	105	88	122	2697
602	Surgery: Splint, Brace, or Bandage	608	108	116	108	113	128	169	125	111	133	187	134	139	235	212	225	185	153	185	149	159	176	3858

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
716	Analysis of Circuit or Semiconductor Mask	28	20	24	20	43	38	33	43	73	87	129	188	192	269	246	235	405	545	803	645	605	934	5605
717	Data Processing: Software Development, Installation, and Management	19	4	12	15	20	16	16	33	53	96	117	126	128	308	406	372	507	334	343	416	467	752	4560
718	Electrical Computers and Digital Processing Systems: Virtual Machine Task or Process Management or Task Management/Control	69	6	16	22	21	23	20	37	46	83	88	57	79	105	97	102	123	113	118	179	180	255	1839
719	Electrical Computers and Digital Processing Systems: Interprogram Communication or Interprocess Communication (Ipc)	3	1	3	6	1	4	6	11	18	33	52	58	56	107	90	91	159	147	120	242	234	288	1730
720	Dynamic Optical Information Storage or Retrieval	86	29	41	48	59	28	65	81	62	47	41	86	77	133	152	100	164	185	171	200	221	270	2346
725	Interactive Video Distribution Systems	144	36	27	35	28	33	37	38	47	66	72	165	153	254	241	175	203	165	206	225	171	354	2875
726	Information Security	14	4	7	4	7	17	10	13	15	23	20	43	55	113	190	218	206	137	135	222	227	506	2186
800	Multicellular Living Organisms and Unmodified Parts Thereof and Related Processes	27	15	16	20	18	12	26	41	33	90	86	235	266	453	579	547	571	466	448	536	459	687	5631
D00	** Design Classification Undetermined **	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
D01	Edible Products	74	18	17	24	17	34	58	79	50	35	35	55	42	46	47	61	60	39	36	120	85	121	1153
D02	Apparel and Haberdashery	985	132	172	253	223	233	272	344	447	426	316	343	499	706	587	494	489	486	528	583	488	889	9895
D03	Travel Goods and Personal Belongings	1202	148	155	145	130	279	322	283	330	340	340	357	369	443	492	483	530	507	487	464	416	632	8854
D04	Brushware	238	52	64	44	39	68	74	74	111	87	138	120	99	127	113	161	175	248	184	122	146	178	2662
D05	Textile or Paper Yard Goods; Sheet Material	163	5	4	20	26	12	23	9	13	7	30	22	33	45	45	80	72	46	39	68	86	88	936
D06	Furnishings	4540	601	606	628	507	649	834	872	1242	1012	1310	1337	1112	1473	1481	1715	1828	1586	1566	1536	1176	1620	29231
D07	Equipment for Preparing or Serving Food or Drink Not Elsewhere Specified	2464	419	370	329	354	434	421	446	607	601	559	725	577	744	767	964	1012	791	990	897	725	1146	16342
D08	Tools and Hardware	2368	321	372	418	449	520	609	695	740	747	753	755	748	1011	990	1235	993	943	1117	1047	794	1398	19023
D09	Packages and Containers for Goods	2071	279	274	220	228	466	529	410	476	498	517	484	537	655	691	870	864	712	901	672	724	1121	14199
D10	Measuring, Testing, or Signalling Instruments	1781	189	243	203	245	380	572	476	510	584	692	470	522	695	656	646	708	607	495	525	493	677	12369
D11	Jewelry, Symbolic Insignia, and Ornaments	1389	154	130	89	167	180	246	218	308	286	380	333	376	411	338	349	431	382	372	371	334	461	7705
D12	Transportation	2167	331	432	355	437	547	558	539	664	661	594	680	799	1023	939	1187	1067	1061	1080	1275	953	1440	18789
D13	Equipment for Production, Distribution, or Transformation of Energy	760	114	97	117	146	221	331	319	268	300	303	285	281	443	595	624	551	633	676	537	572	1000	9173
D14	Recording, Communication, or Information Retrieval Equipment	2399	394	504	478	519	728	791	657	865	945	1001	1000	979	1243	1309	1561	1361	1418	1703	1708	1265	2367	25195

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
D15	Machines Not Elsewhere Specified	1216	158	155	164	153	217	143	266	283	220	303	239	220	318	314	404	387	410	400	416	324	610	7320
D16	Photography and Optical Equipment	677	81	88	91	73	160	167	186	176	212	203	262	242	392	344	434	350	278	407	303	295	393	5814
D17	Musical Instruments	287	26	29	29	20	68	81	46	41	64	38	33	39	55	61	33	43	42	49	36	46	64	1230
D18	Printing and Office Machinery	900	165	139	137	123	208	280	180	208	185	208	214	203	199	198	272	276	205	226	184	153	445	5308
D19	Office Supplies; Artists' and Teachers' Materials	839	130	103	103	134	193	246	268	281	219	289	177	226	308	340	374	381	334	346	392	329	342	6354
D20	Sales and Advertising Equipment	304	50	51	57	29	83	104	74	107	125	102	73	137	160	121	171	135	91	164	121	110	115	2484
D21	Games, Toys, and Sports Goods	3341	423	473	404	528	581	761	699	670	860	877	729	742	1017	921	1025	881	745	782	695	600	992	18746
D22	Arms, Pyrotechnics, Hunting and Fishing Equipment	676	76	96	99	153	93	88	146	129	159	164	187	131	165	180	174	154	160	180	148	145	191	3694
D23	Environmental Heating and Cooling; Fluid Handling and Sanitary Equipment	1902	293	339	326	249	391	592	523	441	564	565	531	548	784	818	986	906	967	920	832	788	1557	15822
D24	Medical and Laboratory Equipment	1796	318	310	256	303	259	367	423	431	480	512	483	454	523	575	673	760	598	699	572	352	554	11698
D25	Building Units and Construction Elements	997	106	89	76	165	149	149	147	236	249	258	255	292	306	340	376	380	406	349	344	310	305	6284
D26	Lighting	893	153	187	156	198	199	306	281	259	356	375	464	430	531	543	804	920	705	772	672	491	861	10556
D27	Tobacco and Smokers' Supplies	282	22	26	25	16	23	25	8	17	31	31	38	38	79	87	60	76	86	62	71	59	106	1268
D28	Cosmetic Products and Toilet Articles	703	129	85	116	152	241	147	103	127	199	147	152	159	197	211	388	334	255	274	255	188	294	4856
D29	Equipment for Safety, Protection, and Rescue (1)	195	30	24	34	28	58	46	50	66	76	93	90	77	68	86	85	82	104	72	97	62	124	1647
D30	Animal Husbandry	408	29	71	71	46	60	89	93	124	130	123	128	125	105	107	184	116	114	121	108	131	166	2649
D32	Washing, Cleaning, or Drying Machine	483	77	141	103	99	157	174	110	130	187	191	176	194	211	193	287	260	256	286	251	171	404	4541
D34	Material or Article Handling Equipment	445	71	78	94	110	110	140	201	217	205	196	170	130	215	190	183	200	195	208	170	94	254	3876
D99	Miscellaneous	172	24	36	17	26	24	24	44	59	46	70	44	55	69	61	73	96	48	88	104	50	55	1285
PLT	Plants	1615	224	229	425	587	318	353	321	442	499	387	362	394	561	421	548	584	1133	994	1016	716	1149	13278
ALL	ALL CLASSES	605598	77041	89598	84439	102690	99220	106840	107511	109890	113704	113955	121805	124147	163205	169145	176083	184046	184424	187047	181320	157741	196437	3455886

Patent Counts By Class By Year
Patents Granted: 1977 - 2006
A Patent Technology Monitoring Team Report

Part II, Patent Counts By Class By Year
Patent Counts Based on ORIGINAL and CROSS-REFERENCE Classifications
with Duplicate Patents Eliminated Within Classes

Number of Patents Granted as Distributed by Year of Patent Grant
Breakout by U.S. Patent Classification System Class

PART II. Patent Counts By Class By Year, Breakout by U.S. Patent Classification System Class.
Patent Counts Based on ORIGINAL and CROSS-REFERENCE Patent Classifications are presented.
Duplicate patent counts are eliminated within each class.
Patents Granted: 01/01/1977 - 12/31/2006

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
001	** Classification Undetermined **	4	0	0	0	0	0	0	2	0	0	1	0	0	2	0	0	0	0	1	1	10	7	28
002	Apparel	2027	314	391	307	414	384	572	484	380	425	474	570	602	723	806	749	703	655	494	564	493	531	13062
004	Baths, Closets, Sinks, and Spitoons	2039	252	237	279	349	380	409	341	389	419	338	312	331	418	538	454	479	513	433	406	322	308	9946
005	Beds	2009	293	386	352	418	444	467	468	400	394	412	488	446	504	483	521	502	470	492	521	502	484	11456
007	Compound Tools	288	50	48	45	64	55	68	49	73	64	53	62	62	72	84	96	101	72	76	89	73	85	1729
008	Bleaching and Dyeing; Fluid Treatment and Chemical Modification of Textiles and Fibers	3259	256	287	354	419	378	387	310	352	325	337	377	275	394	457	381	334	311	387	321	219	298	10418
012	Boot and Shoe Making	331	38	38	27	28	32	19	17	24	21	17	15	24	29	33	20	22	19	23	19	23	23	842
014	Bridges	334	43	62	41	47	45	55	48	37	46	64	59	58	59	59	65	45	73	62	73	55	65	1495
015	Brushing, Scrubbing, and General Cleaning	4026	480	597	591	703	622	720	636	621	716	688	687	644	878	986	983	892	779	829	693	546	540	18857
016	Miscellaneous Hardware	2004	260	376	310	413	271	338	284	326	301	327	398	339	450	427	436	410	516	494	427	389	412	9908
019	Textiles: Fiber Preparation	768	61	100	62	107	125	151	89	72	93	99	84	77	72	72	87	109	69	53	36	27	39	2452
023	Chemistry: Physical Processes	505	49	40	35	41	35	45	62	37	52	38	34	28	38	31	38	33	32	30	17	25	18	1263
024	Buckles, Buttons, Clasps, Etc.	3337	467	582	453	542	565	547	496	468	521	483	517	580	599	589	562	600	652	610	459	352	451	14432
026	Textiles: Cloth Finishing	351	34	40	30	50	45	37	37	25	21	42	36	29	35	39	30	24	22	24	16	13	9	989
027	Undertaking	91	8	6	11	15	16	15	16	16	17	23	19	37	33	30	30	32	18	32	19	14	15	513
028	Textiles: Manufacturing	1056	74	78	86	109	123	91	112	90	118	120	81	94	106	99	131	95	86	83	94	54	65	3045
029	Metal Working	11710	1764	2003	1842	2142	1753	2010	1944	1969	1878	1698	1757	1822	2169	2151	2361	2523	2541	2641	2525	2196	2513	55912
030	Cutlery	2506	371	362	312	443	396	505	382	337	362	358	374	362	438	475	471	431	409	432	392	332	338	10788
033	Geometrical Instruments	3728	541	506	400	493	559	565	536	429	418	481	433	363	446	407	493	514	594	577	546	534	530	14093
034	Drying and Gas or Vapor Contact with Solids	2672	304	338	277	278	287	301	333	356	319	292	357	326	361	424	467	356	361	285	299	264	286	9543
036	Boots, Shoes, and Leggings	1202	205	239	191	236	243	183	157	183	203	225	197	236	344	352	307	283	266	247	272	235	257	6263
037	Excavating	1247	102	112	107	156	139	145	147	128	94	133	152	129	165	186	211	182	208	168	167	161	153	4392

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
038	Textiles: Ironing or Smoothing	294	40	47	35	46	45	54	42	26	50	43	48	54	48	55	55	41	46	38	47	30	46	1230
040	Card, Picture, or Sign Exhibiting	2681	277	343	343	463	391	462	370	404	445	454	421	434	506	556	609	561	573	569	500	389	351	12102
042	Firearms	943	132	143	123	164	160	191	127	135	163	178	159	186	203	183	124	213	241	252	207	160	162	4549
043	Fishing, Trapping, and Vermin Destroying	1743	245	332	299	470	333	291	314	326	331	251	318	219	234	409	355	289	307	350	275	232	216	8139
044	Fuel and Related Compositions	1669	161	163	153	170	111	139	123	136	143	129	147	107	132	152	169	146	115	143	108	76	53	4445
047	Plant Husbandry	1522	168	163	183	221	235	244	241	226	273	272	345	296	469	325	351	305	306	283	185	159	157	6929
048	Gas: Heating and Illuminating	1419	108	113	85	128	91	52	49	55	48	69	46	61	67	71	57	57	40	46	72	63	87	2884
049	Movable or Removable Closures	2309	346	380	286	405	366	390	316	315	334	344	395	336	378	439	495	430	425	392	377	362	380	10200
051	Abrasive Tool Making Process, Material, or Composition	547	42	65	61	74	97	96	133	136	122	100	124	153	96	126	104	145	159	145	139	106	91	2861
052	Static Structures (e.g., Buildings)	7888	1163	1192	951	1213	1150	1105	990	1016	1052	1018	1209	1208	1473	1424	1481	1611	1501	1315	1209	1041	910	33120
053	Package Making	3253	557	549	480	546	536	568	498	467	421	564	549	598	763	608	641	574	543	619	593	508	469	14904
054	Harness for Working Animal	134	18	17	22	20	18	30	36	22	26	24	18	17	36	23	42	32	46	50	40	24	38	733
055	Gas Separation	2786	284	376	350	396	365	356	438	395	285	318	330	354	451	441	421	464	449	467	478	376	385	10965
056	Harvesters	2222	202	244	252	261	325	283	243	226	226	263	218	167	280	308	299	247	273	257	246	246	221	7509
057	Textiles: Spinning, Twisting, and Twining	2004	243	256	201	237	225	139	198	173	213	188	178	177	214	158	153	175	134	104	118	79	95	5662
059	Chain, Staple, and Horseshoe Making	304	32	37	26	34	32	28	29	32	39	32	17	33	38	37	36	53	44	39	34	47	53	1056
060	Power Plants	7392	651	822	795	864	772	802	950	917	921	888	781	757	1019	997	1032	1331	1298	1226	1256	1269	1431	28171
062	Refrigeration	5099	626	708	711	749	770	779	789	914	887	855	864	870	1030	1141	1154	1292	1347	1293	1073	891	1025	24867
063	Jewelry	287	32	31	60	46	48	54	64	56	46	58	62	75	69	53	67	63	82	79	61	40	69	1502
065	Glass Manufacturing	2896	311	334	312	381	320	311	343	277	263	174	203	298	343	357	277	323	313	346	342	225	257	9206
066	Textiles: Knitting	962	105	115	116	116	51	111	96	100	105	111	123	88	101	106	167	152	82	88	89	99	95	3178
068	Textiles: Fluid Treating Apparatus	1030	83	99	122	141	117	115	102	144	124	132	136	127	193	200	152	114	143	147	82	74	78	3655
069	Leather Manufactures	118	6	9	7	7	5	10	3	2	3	5	5	4	6	4	2	2	2	2	5	7	0	214
070	Locks	1931	249	362	295	364	338	352	280	303	270	311	319	343	462	457	391	323	427	420	333	328	328	9186
071	Chemistry: Fertilizers	815	61	62	61	80	60	68	94	73	78	93	75	100	89	87	64	97	112	70	60	46	37	2382
072	Metal Deforming	4619	642	585	570	616	572	589	512	483	478	406	497	541	665	685	626	649	538	534	506	412	614	16339
073	Measuring and Testing	13495	1791	1880	1781	2263	2061	2058	1934	1934	2114	2053	2221	2021	2464	2357	2310	2495	2638	3068	2767	2765	2934	61404
074	Machine Element or Mechanism	7323	1096	1217	1051	1272	1063	1061	1049	1093	867	816	1000	910	1198	1191	1172	1153	1126	989	894	772	830	29143
075	Specialized Metallurgical Processes, Compositions for Use Therein, Consolidated Metal Powder Compositions, and Loose Metal Particulate	2998	357	358	375	376	389	350	341	339	364	367	261	247	319	375	322	381	393	319	263	192	162	9848

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total	
	Mixtures																								
076	Metal Tools and Implements, Making	548	79	78	70	83	50	82	83	69	58	68	56	66	61	76	71	58	52	64	42	28	41	1883	
079	Button Making	5	0	0	1	0	0	0	0	1	2	0	0	0	0	1	1	0	3	1	1	1	2	19	
081	Tools	1817	279	265	319	353	316	345	301	307	305	250	310	263	325	410	494	545	423	351	368	420	523	9289	
082	Turning	946	167	174	116	128	111	144	130	119	98	68	89	101	127	124	112	122	91	167	93	72	85	3384	
083	Cutting	4204	535	565	434	493	516	566	563	504	469	424	373	376	523	576	562	497	394	481	526	376	472	14429	
084	Music	2366	204	324	209	264	277	291	297	354	348	397	393	344	428	506	444	410	360	328	322	290	379	9535	
086	Ammunition and Explosive-Charge Making	234	27	25	26	34	25	27	33	26	32	30	17	25	34	21	20	24	32	29	17	25	23	786	
087	Textiles: Braiding, Netting, and Lace Making	104	16	18	23	19	25	24	13	17	24	17	15	15	23	26	13	13	16	12	9	3	15	460	
089	Ordnance	1359	181	271	181	207	253	224	236	199	193	197	141	192	200	183	129	211	205	203	206	180	168	5519	
091	Motors: Expansible Chamber Type	2959	275	342	348	331	270	288	316	299	253	214	230	194	253	239	210	219	224	198	206	151	159	8178	
092	Expansible Chamber Devices	2237	287	331	348	356	278	356	272	290	226	234	224	220	287	291	246	310	314	280	234	206	213	8040	
095	Gas Separation: Processes	1762	170	225	276	275	261	281	358	320	243	270	288	302	362	383	368	394	402	448	347	288	307	8330	
096	Gas Separation: Apparatus	2352	235	372	333	352	348	355	386	325	264	240	298	329	394	432	416	423	467	464	431	343	346	9905	
099	Foods and Beverages: Apparatus	2483	328	413	383	464	438	400	391	427	451	493	465	489	530	608	567	561	452	441	404	317	366	11871	
100	Presses	2214	230	281	260	266	256	275	309	272	266	253	224	228	286	224	210	204	188	226	207	164	209	7252	
101	Printing	3749	399	409	377	483	430	477	487	463	472	477	478	497	724	609	587	544	610	718	804	489	491	14774	
102	Ammunition and Explosives	1847	229	343	277	306	300	358	276	279	259	268	221	227	241	208	187	312	279	301	216	201	201	7336	
104	Railways	1268	135	179	160	176	175	154	173	150	123	152	143	160	128	107	120	144	172	153	115	82	84	4253	
105	Railway Rolling Stock	1350	131	150	114	144	126	130	126	120	113	124	122	123	134	95	111	152	137	117	79	93	83	3874	
106	Compositions: Coating or Plastic	6122	498	615	640	658	565	728	772	790	916	796	782	777	1024	1005	889	911	977	1010	944	634	694	22747	
108	Horizontally Supported Planar Surfaces	1506	224	235	230	297	238	211	247	198	279	281	296	299	342	330	375	306	306	289	276	211	214	7190	
109	Safes, Bank Protection, or a Related Device	319	47	72	47	55	46	45	30	36	35	39	27	41	53	44	30	25	37	31	27	26	27	1139	
110	Furnaces	1851	244	267	271	262	255	253	224	268	264	185	209	199	243	181	179	190	147	98	120	111	79	6100	
111	Planting	564	70	65	71	38	61	51	51	40	57	61	74	64	60	87	82	99	67	82	74	66	69	1953	
112	Sewing	2059	273	300	196	224	189	241	195	198	161	184	226	201	236	214	185	179	109	89	132	112	112	6015	
114	Ships	2785	318	489	388	441	421	435	370	377	379	368	374	357	388	412	487	456	407	439	394	432	449	11366	
116	Signals and Indicators	1670	175	167	198	224	215	233	175	201	205	182	192	195	206	224	208	214	211	196	193	154	181	5819	
117	Single-Crystal, Oriented-Crystal, and Epitaxy Growth Processes; Non-Coating Apparatus Therefor	965	142	135	118	153	152	151	203	219	236	278	222	212	280	317	324	274	270	283	269	240	245	5688	
118	Coating Apparatus	3962	501	552	484	630	591	654	665	692	677	665	709	722	868	961	1200	1211	1127	1063	933	755	659	20281	

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
200	Breakers	5171	502	616	556	586	549	513	468	451	475	453	489	465	673	637	606	529	584	615	655	566	622	16781
201	Distillation: Processes, Thermolytic	890	46	49	24	34	24	18	27	16	19	26	10	21	25	20	19	21	7	9	14	8	18	1345
202	Distillation: Apparatus	1342	115	98	82	86	82	74	74	97	72	74	77	82	91	77	76	59	58	51	43	40	48	2898
203	Distillation: Processes, Separatory	1373	125	132	125	134	150	127	182	190	143	142	118	126	144	141	104	81	127	82	68	73	80	3967
204	Chemistry: Electrical and Wave Energy	7359	877	895	772	1048	993	872	991	977	1018	994	900	886	1088	1188	1316	1426	1295	1215	1117	882	789	28898
205	Electrolysis: Processes, Compositions Used Therein, and Methods of Preparing the Compositions	4591	456	484	386	484	450	401	470	483	485	473	465	433	472	534	537	741	628	576	558	396	387	14890
206	Special Receptacle or Package	6301	775	897	1040	1326	1223	1183	1164	1203	1233	1208	1213	1210	1597	1597	1515	1359	1225	1168	987	916	927	31267
208	Mineral Oils: Processes and Products	4532	433	362	363	477	429	421	346	345	382	291	211	215	257	384	327	316	263	248	242	164	189	11197
209	Classifying, Separating, and Assorting Solids	3111	329	357	377	427	364	362	375	387	352	344	316	290	309	374	387	370	314	315	319	242	235	10256
210	Liquid Purification or Separation	9562	1078	1374	1431	1668	1516	1657	1856	1737	1462	1519	1623	1616	1749	1767	1724	1821	1622	1571	1451	1254	1265	42323
211	Supports: Racks	2368	334	377	409	464	434	477	468	440	445	369	437	436	553	571	581	551	564	517	444	412	387	12038
212	Traversing Hoists	813	82	114	84	72	79	75	77	64	40	69	64	67	80	65	104	82	68	100	46	46	64	2355
213	Railway Draft Appliances	190	23	19	11	13	18	19	34	18	19	20	32	20	20	22	17	26	17	11	20	8	14	591
215	Bottles and Jars	1945	270	285	350	374	332	319	316	291	291	295	284	291	391	413	362	303	280	260	223	208	220	8303
216	Etching a Substrate: Processes	1385	225	225	198	288	311	311	304	467	427	428	385	483	545	594	621	637	650	633	607	498	548	10770
217	Wooden Receptacles	231	20	26	25	24	22	12	13	16	16	7	8	7	14	10	11	15	9	7	4	4	6	507
218	High-Voltage Switches with Arc Preventing or Extinguishing Devices	812	85	124	85	64	58	57	62	49	53	43	75	43	94	80	69	95	93	76	75	49	49	2290
219	Electric Heating	8080	1045	1259	1090	1299	1200	1123	1096	1133	1164	1019	1007	923	1307	1430	1642	1583	1552	1529	1559	1321	1424	34785
220	Receptacles	5559	713	774	829	1051	968	975	942	1002	947	913	962	889	1132	1183	1185	1120	986	919	808	712	859	25428
221	Article Dispensing	1459	194	248	190	219	214	235	226	224	208	216	231	157	251	272	268	294	256	294	254	171	230	6311
222	Dispensing	5864	709	802	724	918	953	972	907	928	1057	917	844	833	1030	1246	1112	1109	1070	867	870	700	762	25194
223	Apparel Apparatus	468	75	79	62	74	78	107	86	50	48	71	79	106	86	102	123	102	71	46	69	53	52	2087
224	Package and Article Carriers	1693	167	213	293	378	373	390	337	380	371	407	444	463	533	533	469	501	443	423	400	278	274	9763
225	Severing by Tearing or Breaking	520	62	73	65	69	62	74	96	64	70	51	54	45	73	63	51	52	67	66	78	61	60	1876
226	Advancing Material of Indeterminate Length	1683	168	171	173	209	154	159	160	150	162	142	129	100	174	152	116	121	125	106	76	63	65	4558
227	Elongated-Member-Driving Apparatus	930	175	141	123	129	104	129	122	131	137	156	164	182	180	149	176	133	120	176	185	174	234	4150
228	Metal Fusion Bonding	2466	421	405	377	486	361	416	464	462	436	411	400	358	389	468	601	631	583	538	526	408	346	11953
229	Envelopes, Wrappers, and Paperboard Boxes	2426	258	305	352	408	383	416	361	365	384	328	311	280	362	351	347	335	293	244	168	193	158	9028

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
231	Whips and Whip Apparatus	20	0	1	1	2	1	2	3	0	1	0	0	1	0	1	4	0	1	1	2	1	1	43
232	Deposit and Collection Receptacles	254	19	44	42	50	54	57	45	35	31	47	35	43	41	43	37	33	27	29	42	37	48	1093
234	Selective Cutting (e.g., Punching)	39	7	4	2	2	1	1	5	2	1	0	0	2	2	3	0	2	3	4	6	2	8	96
235	Registers	1957	268	352	382	556	403	418	419	489	505	596	597	558	797	926	958	759	822	1036	1081	872	1405	16156
236	Automatic Temperature and Humidity Regulation	1755	167	196	157	192	174	137	155	174	165	131	129	113	147	180	170	146	170	172	155	148	141	5074
237	Heating Systems	1106	89	111	96	104	99	80	72	73	67	40	53	47	78	112	106	74	78	76	90	65	65	2781
238	Railways: Surface Track	353	32	40	43	39	49	37	47	28	25	31	40	32	48	30	36	47	48	37	36	22	28	1128
239	Fluid Sprinkling, Spraying, and Diffusing	5059	619	677	656	760	791	733	738	745	789	615	581	658	902	1010	1055	886	852	907	961	774	824	21592
241	Solid Material Comminution or Disintegration	2289	322	353	300	321	298	320	304	356	364	334	343	307	370	410	319	244	296	328	224	207	253	8862
242	Winding, Tensioning, or Guiding	5295	616	701	726	702	677	590	546	640	780	575	707	612	825	756	768	628	718	665	549	486	485	19047
244	Aeronautics and Astronautics	2938	366	483	434	486	449	539	575	456	442	371	358	334	577	538	636	678	669	656	612	494	548	13639
245	Wire Fabrics and Structure	77	3	6	6	9	3	7	7	12	6	5	5	6	3	5	4	8	7	3	7	5	11	205
246	Railway Switches and Signals	352	26	45	40	43	57	46	45	37	51	58	54	59	76	42	68	84	78	60	53	42	57	1473
248	Supports	6689	931	1173	1037	1340	1280	1396	1332	1219	1211	1144	1226	1184	1576	1543	1632	1541	1669	1590	1252	1031	1161	34157
249	Static Molds	1404	148	184	192	222	165	171	177	156	147	140	132	150	199	161	150	173	149	162	153	114	138	4787
250	Radiant Energy	9484	1341	1918	1691	2205	2035	2150	2085	1905	1964	1895	1780	1653	2033	1904	1902	2146	2368	2746	2797	2366	3193	53561
251	Valves and Valve Actuation	5057	649	793	642	789	745	679	719	675	681	561	567	501	708	815	867	801	728	706	763	771	761	19978
252	Compositions	9332	1066	1129	1075	1285	1160	1338	1390	1314	1268	1199	1258	1143	1357	1332	1263	1226	1271	1378	1279	913	1091	35067
254	Implements or Apparatus for Applying Pushing or Pulling Force	1979	221	241	208	250	210	182	229	219	194	198	174	201	199	257	276	257	229	261	213	198	232	6628
256	Fences	508	43	72	54	79	77	78	79	64	70	82	96	98	100	108	112	107	99	138	110	105	90	2369
257	Active Solid-State Devices (e.g., Transistors, Solid-State Diodes)	9846	1658	1975	1848	2421	2484	3129	3213	3387	4165	4248	4292	4719	6517	7858	9123	11004	11533	11960	12219	10612	10461	138672
258	Railway Mail Delivery	7	0	1	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	12
260	Chemistry of Carbon Compounds	947	63	28	28	29	21	23	32	26	20	17	19	31	34	33	24	26	13	16	10	8	3	1451
261	Gas and Liquid Contact Apparatus	3398	267	261	263	273	273	273	281	244	201	216	219	209	242	246	254	265	249	217	225	191	183	8450
264	Plastic and Nonmetallic Article Shaping or Treating: Processes	12998	1360	1516	1652	2098	1940	2046	2101	2096	1809	1762	1799	1950	2403	2218	2043	1991	1847	2061	1938	1383	1405	52416
266	Metallurgical Apparatus	2264	235	238	238	224	201	217	213	221	245	218	161	159	185	213	181	214	171	182	136	91	61	6268
267	Spring Devices	1595	297	372	373	400	291	304	290	291	282	222	248	215	244	291	293	323	379	300	238	205	229	7682
269	Work Holders	1713	243	321	255	330	292	240	289	257	247	193	234	218	300	307	312	299	290	301	251	204	230	7326
270	Sheet-Material Associating	440	73	53	80	78	94	120	125	76	89	89	83	83	119	87	84	121	104	96	130	87	106	2417

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
411	Expanded, Threaded, Driven, Headed, Tool-Deformed, or Locked-Threaded Fastener	2106	275	397	344	426	412	373	357	376	320	322	382	369	442	406	400	402	359	327	351	274	267	9687
412	Bookbinding: Process and Apparatus	178	25	29	23	25	39	38	41	34	31	40	26	38	28	42	55	39	42	46	48	35	32	934
413	Sheet Metal Container Making	225	31	32	25	35	21	33	27	22	26	6	14	15	26	27	24	9	20	16	18	14	17	683
414	Material or Article Handling	6546	817	925	897	876	896	943	863	793	815	817	786	759	848	901	1032	891	918	898	798	640	622	24281
415	Rotary Kinetic Fluid Motors or Pumps	2423	229	346	347	350	271	258	358	377	348	312	365	292	328	313	454	497	596	577	523	526	588	10678
416	Fluid Reaction Surfaces (i.e., Impellers)	2141	251	304	278	301	233	207	269	311	295	249	278	208	252	285	409	453	498	440	403	417	477	8959
417	Pumps	4566	539	562	662	734	571	653	695	706	629	512	652	532	618	692	904	946	904	861	687	497	615	18737
418	Rotary Expansible Chamber Devices	1447	181	199	195	195	200	220	240	199	206	199	207	160	201	144	337	306	250	230	225	166	186	5893
419	Powder Metallurgy Processes	866	199	170	177	187	248	229	185	113	181	187	159	138	162	213	166	171	169	189	134	90	91	4424
420	Alloys or Metallic Compositions	1892	269	249	267	341	279	333	315	264	287	268	240	200	263	296	241	304	297	235	257	179	114	7390
422	Chemical Apparatus and Process Disinfecting, Deodorizing, Preserving, or Sterilizing	7046	719	851	843	1071	960	1063	1294	1321	1320	1337	1266	1226	1584	1634	1516	1607	1624	1651	1515	1256	1296	34000
423	Chemistry of Inorganic Compounds	9562	865	919	865	1073	950	1081	1134	1080	1024	950	867	857	987	1038	963	967	947	983	894	720	837	29563
424	Drug, Bio-Affecting and Body Treating Compositions	6076	785	964	1024	1527	1397	1626	1692	1798	1795	1884	2283	3396	4113	4477	3927	4419	4610	4326	3198	2669	3346	61332
425	Plastic Article or Earthenware Shaping or Treating: Apparatus	6555	751	835	908	982	850	932	970	964	833	851	842	890	1076	947	908	966	878	815	840	563	802	24958
426	Food or Edible Material: Processes, Compositions, and Products	6201	648	733	793	1157	1030	1003	908	899	823	884	902	814	980	1261	1267	1226	1064	1015	874	519	636	25637
427	Coating Processes	13717	1646	1851	1730	1953	1789	1775	1901	1867	1861	1735	1817	1935	2308	2484	2498	2441	2446	2511	2294	1692	1441	55692
428	Stock Material or Miscellaneous Articles	20178	2616	2746	2832	3450	3290	3130	3380	3303	3340	3287	3525	3688	4302	4512	4319	4636	4732	4932	4851	3598	3363	98010
429	Chemistry: Electrical Current Producing Apparatus, Product, and Process	3204	311	328	330	355	338	335	387	450	491	551	678	664	693	699	893	982	1128	1151	1164	961	1015	17108
430	Radiation Imagery Chemistry: Process, Composition, or Product Thereof	8080	1070	1063	1093	1460	1505	1567	1416	1819	1962	1784	1796	1706	2088	2214	2277	2255	2109	2156	2056	1585	1890	44951
431	Combustion	2414	265	282	235	288	299	238	276	277	252	286	266	219	318	381	381	321	278	302	282	257	153	8270
432	Heating	2626	291	225	232	229	224	201	209	198	195	159	153	149	217	228	213	193	192	173	131	89	82	6609
433	Dentistry	1987	246	268	281	347	297	415	375	344	382	286	355	347	530	508	451	553	458	390	334	315	415	9884
434	Education and Demonstration	1900	222	292	237	318	256	288	286	374	315	320	344	332	476	483	498	426	424	444	421	365	366	9387
435	Chemistry: Molecular Biology and Microbiology	5767	806	1096	1070	1433	1405	1562	1969	2259	2179	2252	3088	4142	6134	6219	5606	6281	5740	5304	4625	4133	5280	78350
436	Chemistry: Analytical and	3278	412	641	668	876	708	785	972	1045	950	949	1036	1144	1457	1336	1156	1298	1261	1259	1117	927	975	24250

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
	Immunological Testing																							
438	Semiconductor Device Manufacturing: Process	4117	646	776	695	897	813	1112	1193	1484	1633	1879	1811	2141	2977	4216	5437	6912	7004	6809	6954	6181	6512	72199
439	Electrical Connectors	5452	793	1121	1059	1236	1262	1268	1329	1291	1348	1345	1470	1613	1869	2119	2753	2778	2656	2333	2542	2231	2791	42659
440	Marine Propulsion	716	116	157	174	190	216	218	186	182	180	180	191	163	210	216	271	265	266	240	247	257	252	5093
441	Buoys, Rafts, and Aquatic Devices	666	118	131	128	145	128	137	118	111	139	125	119	119	141	129	155	150	129	132	126	114	150	3410
442	Fabric (Woven, Knitted, or Nonwoven Textile or Cloth, Etc.)	1945	232	260	267	330	310	252	315	338	359	385	355	427	478	491	442	397	289	363	427	288	256	9206
445	Electric Lamp or Space Discharge Component or Device Manufacturing	646	73	106	85	118	126	103	122	94	70	80	125	149	182	217	251	212	203	274	301	276	283	4096
446	Amusement Devices: Toys	2256	308	340	275	391	370	375	375	345	385	338	351	292	445	434	516	451	467	511	440	282	258	10205
449	Bee Culture	88	4	6	9	2	2	11	5	1	5	4	3	8	3	3	4	2	8	8	6	4	5	191
450	Foundation Garments	157	18	20	15	23	18	23	25	23	13	26	28	35	42	70	83	71	67	29	47	48	59	940
451	Abrading	2749	386	429	357	437	428	447	462	460	389	408	455	547	553	694	840	1065	994	949	919	886	969	15823
452	Butchering	797	137	129	112	105	125	116	161	124	120	95	105	72	103	106	125	118	67	78	73	62	112	3042
453	Coin Handling	205	24	10	20	28	22	43	36	27	30	35	43	18	21	34	40	32	20	50	31	15	26	810
454	Ventilation	1550	196	242	193	237	243	234	264	228	262	194	227	219	320	301	355	384	377	394	390	303	271	7384
455	Telecommunications	3327	397	507	422	502	517	567	689	833	928	1098	1483	1294	2053	2460	2765	2620	2677	2743	3199	3352	5563	39996
460	Crop Threshing or Separating	290	24	24	23	26	38	34	33	22	30	44	47	26	44	55	42	53	58	42	49	49	44	1097
462	Books, Strips, and Leaves for Manifolding	151	26	30	19	29	31	18	35	29	34	31	10	11	14	19	31	24	23	5	11	5	5	591
463	Amusement Devices: Games	496	62	65	49	84	63	78	91	94	111	115	110	197	324	311	364	488	502	618	584	508	483	5797
464	Rotary Shafts, Gudgeons, Housings, and Flexible Couplings for Rotary Shafts	1492	179	224	196	253	223	194	226	221	208	165	184	245	276	235	263	347	255	210	215	176	204	6191
470	Threaded, Headed Fastener, or Washer Making: Process and Apparatus	334	34	40	35	35	42	35	29	32	26	18	33	28	35	37	25	29	29	24	18	17	35	970
472	Amusement Devices	386	48	38	50	66	89	60	68	73	75	81	91	84	115	103	96	84	99	95	95	85	66	2047
473	Games Using Tangible Projectile	2369	231	288	294	478	492	550	561	547	693	717	687	681	921	766	675	722	764	795	750	700	848	15529
474	Endless Belt Power Transmission Systems or Components	1381	254	267	216	284	243	243	205	253	213	211	145	182	218	211	252	215	281	237	192	183	222	6108
475	Planetary Gear Transmission Systems or Components	1158	159	224	223	244	216	227	258	200	207	203	226	231	244	318	302	206	297	381	377	307	382	6590
476	Friction Gear Transmission Systems or Components	168	21	15	16	12	17	27	17	18	25	19	28	24	24	33	47	42	44	48	33	35	41	754
477	Interrelated Power Delivery Controls, Including Engine Control	968	198	255	233	243	227	319	271	178	147	208	241	267	306	347	348	294	326	364	289	289	272	6590

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total	
522	Rubbers -- Part of the Class 520 Series	1933	187	205	200	213	234	252	219	238	223	251	245	234	285	297	312	346	278	254	264	198	202	7070	
523	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	3956	440	493	486	523	456	594	545	591	583	562	534	526	660	786	737	749	731	657	566	407	456	16038	
524	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	11917	1086	1169	1203	1327	1248	1519	1515	1606	1643	1387	1477	1448	1649	1876	1714	1762	1767	1720	1698	1098	1277	43106	
525	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	10331	1106	1198	1277	1566	1499	1639	1736	2003	1966	1534	1595	1439	1606	1549	1530	1644	1698	1611	1475	1051	1187	42240	
526	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	5466	546	663	553	605	657	754	835	961	837	717	696	732	817	793	891	1149	1168	1140	1025	803	864	22672	
527	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	297	20	33	25	34	25	43	41	41	32	25	27	25	38	27	20	26	20	15	18	12	14	858	
528	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	8842	892	953	1096	1221	1239	1299	1388	1446	1366	1161	1170	1161	1277	1319	1213	1266	1245	1203	1052	730	1021	33560	
530	Chemistry: Natural Resins or Derivatives; Peptides or Proteins; Lignins or Reaction Products Thereof	2867	382	569	568	649	619	753	966	1116	914	986	1250	1858	2731	2666	2170	2279	2183	2071	1895	1646	2392	33530	
532	Organic Compounds -- Part of the Class 532-570 Series	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	3
534	Organic Compounds -- Part of the Class 532-570 Series	1707	156	165	144	200	189	210	181	191	191	160	197	183	244	198	168	129	140	99	108	83	149	5192	
536	Organic Compounds -- Part of the Class 532-570 Series	2472	269	363	405	571	616	705	688	836	808	1053	1574	2194	3128	3266	2867	3170	2906	2785	2348	2058	2551	37633	
540	Organic Compounds -- Part of the Class 532-570 Series	4209	370	444	432	497	520	519	478	502	443	482	581	616	542	532	431	430	495	394	299	322	427	13965	
544	Organic Compounds -- Part of the Class 532-570 Series	6776	851	944	919	1063	1039	963	939	1004	874	908	914	1042	1121	1098	1079	1172	1276	1124	974	978	1097	28155	
546	Organic Compounds -- Part of the Class 532-570 Series	7091	836	953	961	1122	1119	1080	1055	1192	1030	1078	1129	1323	1259	1298	1297	1273	1431	1358	1112	1016	1232	31245	
548	Organic Compounds -- Part of the Class 532-570 Series	7884	880	910	919	1132	1117	1091	1103	1163	990	1034	1172	1182	1103	1182	1146	1150	1291	1107	884	863	1089	30392	
549	Organic Compounds -- Part of the Class 532-570 Series	6231	570	578	524	747	697	648	739	790	711	691	686	780	813	809	824	803	887	720	640	518	616	21022	
552	Organic Compounds -- Part of the Class 532-570 Series	1428	121	96	82	110	120	105	133	124	99	136	133	123	134	128	125	98	138	115	87	77	97	3809	
554	Organic Compounds -- Part of the Class 532-570 Series	1747	139	109	103	118	131	126	158	158	142	152	129	123	149	189	143	205	203	140	130	84	107	4685	
556	Organic Compounds -- Part of the Class 532-570 Series	2310	297	321	274	306	333	402	412	415	349	336	383	360	362	417	391	491	423	335	308	240	306	9771	
558	Organic Compounds -- Part of the Class 532-570 Series	4473	409	408	379	462	427	420	430	483	370	366	321	349	364	356	335	338	342	286	225	163	215	11921	
560	Organic Compounds -- Part of the Class 532-570 Series	6671	627	648	576	692	635	640	672	760	589	554	498	571	622	577	588	635	678	554	406	336	374	18903	

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
708	Arithmetic Processing and Calculating	2250	267	331	392	532	416	439	423	503	470	444	524	509	683	690	500	484	458	461	481	404	613	12274
709	Electrical Computers and Digital Processing Systems: Multicomputer Data Transferring	152	23	38	57	50	70	71	107	150	196	262	470	554	1495	1633	1954	2016	2285	2296	2978	3014	4548	24419
710	Electrical Computers and Digital Data Processing Systems: Input/Output	898	109	155	152	206	187	193	257	357	446	553	919	1048	1535	1489	1459	1399	1396	1550	1939	1622	1905	19774
711	Electrical Computers and Digital Processing Systems: Memory	866	122	137	147	194	190	180	271	330	481	656	899	972	1385	1376	1381	1514	1718	1820	2073	1974	2586	21272
712	Electrical Computers and Digital Processing Systems: Processing Architectures and Instruction Processing (e.g., Processors)	546	87	92	133	153	144	131	190	188	239	322	446	527	974	914	768	786	648	620	700	598	676	9882
713	Electrical Computers and Digital Processing Systems: Support	419	83	90	89	136	149	158	164	256	325	422	517	624	1048	1014	1005	1067	1044	1185	1572	1781	2811	15959
714	Error Detection/Correction and Fault Detection/Recovery	1693	358	474	413	560	462	477	574	632	791	1064	1278	1167	1722	1576	1589	1588	1592	1978	2096	1976	2863	26923
715	Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing	268	60	95	108	165	141	133	204	263	344	432	604	723	1235	1260	1164	1249	1235	1230	1314	1370	1926	15523
716	Data Processing: Design and Analysis of Circuit or Semiconductor Mask	78	29	41	34	67	55	52	66	91	123	181	237	248	341	322	320	510	688	967	855	832	1228	7365
717	Data Processing: Software Development, Installation, and Management	25	8	14	19	27	20	21	44	65	115	136	149	196	459	549	484	625	489	546	732	836	1239	6798
718	Electrical Computers and Digital Processing Systems: Virtual Machine Task or Process Management or Task Management/Control	99	8	20	28	37	39	28	56	62	109	135	109	155	270	242	267	314	337	328	455	397	575	4070
719	Electrical Computers and Digital Processing Systems: Interprogram Communication or Interprocess Communication (Ipc)	18	2	9	13	8	15	16	20	30	69	116	113	126	249	289	264	390	409	355	509	460	615	4095
720	Dynamic Optical Information Storage or Retrieval	141	45	62	75	103	60	103	123	102	89	74	137	118	183	190	153	216	238	214	238	255	313	3232
725	Interactive Video Distribution Systems	250	64	62	63	61	74	78	68	88	97	138	273	274	426	455	371	329	344	384	439	384	709	5431
726	Information Security	19	7	9	5	10	18	14	16	21	31	32	61	88	205	287	356	372	282	305	501	509	963	4111
800	Multicellular Living Organisms and Unmodified Parts Thereof and Related Processes	30	17	19	23	22	13	29	48	38	99	91	253	282	498	670	631	666	555	525	614	521	777	6421
901	Robots	740	219	330	246	313	252	236	214	204	157	154	147	132	185	183	160	165	177	182	148	143	201	4888

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
902	Electronic Funds Transfer	372	128	156	45	35	27	33	25	32	28	37	31	49	57	64	81	61	40	45	55	62	60	1523
903	Hybrid Electric Vehicles (Hevs)	53	7	4	5	1	3	4	11	11	27	19	37	33	84	106	107	146	244	247	206	121	31	1507
930	Peptide or Protein Sequence	1084	180	309	317	255	6	12	58	76	66	38	59	85	79	79	48	46	33	31	40	29	32	2962
968	Horology	2575	133	211	176	178	127	6	0	1	0	1	0	0	6	3	2	4	2	2	2	0	1	3430
976	Nuclear Technology	3156	422	710	517	509	258	172	48	9	21	23	23	19	25	5	10	3	4	6	3	3	5	5951
977	Nanotechnology	20	8	7	14	40	41	63	82	107	151	133	170	169	241	429	253	368	490	723	371	338	274	4492
984	Musical Instruments	2100	187	282	187	230	182	0	0	0	0	0	0	0	0	0	2	2	2	4	1	0	1	3180
987	Organic Compounds Containing a Bi, Sb, As, or P Atom or Containing a Metal Atom of the 6th To 8th Group of the Periodic System	3544	302	332	302	309	299	75	2	0	1	1	1	5	4	0	9	5	2	4	2	1	1	5201
D00	** Design Classification Undetermined **	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
D01	Edible Products	132	21	22	31	26	38	67	84	52	47	41	62	51	57	55	69	66	50	43	124	88	138	1364
D02	Apparel and Haberdashery	1154	164	220	298	256	281	338	383	481	457	348	383	536	739	614	539	501	507	551	600	506	922	10778
D03	Travel Goods and Personal Belongings	1770	203	215	213	197	369	433	388	451	424	441	443	454	556	589	596	618	573	569	529	468	693	11192
D04	Brushware	330	63	80	64	59	81	99	95	131	117	161	156	142	168	153	191	204	284	204	144	166	197	3289
D05	Textile or Paper Yard Goods; Sheet Material	235	11	16	29	34	17	31	14	25	13	33	30	40	52	53	98	75	52	41	69	94	91	1153
D06	Furnishings	5926	793	811	813	716	844	1087	1099	1477	1218	1538	1520	1286	1671	1657	1878	1932	1709	1677	1638	1265	1713	34268
D07	Equipment for Preparing or Serving Food or Drink Not Elsewhere Specified	3613	571	517	465	529	576	582	571	798	736	694	877	674	868	864	1052	1098	843	1051	960	759	1247	19945
D08	Tools and Hardware	3584	520	495	572	598	689	801	892	907	920	913	911	895	1183	1158	1380	1113	1043	1201	1119	881	1509	23284
D09	Packages and Containers for Goods	2595	361	353	286	299	580	666	530	612	649	670	657	674	811	815	964	952	765	961	742	795	1215	16952
D10	Measuring, Testing, or Signalling Instruments	2405	285	325	292	352	476	681	575	581	651	783	540	616	789	717	724	758	652	536	574	531	721	14564
D11	Jewelry, Symbolic Insignia, and Ornaments	1976	203	196	141	227	232	320	305	400	376	477	404	446	498	412	428	496	456	437	415	368	513	9726
D12	Transportation	2574	445	651	629	634	745	768	758	916	819	780	783	875	1099	997	1263	1132	1098	1113	1319	990	1487	21875
D13	Equipment for Production, Distribution, or Transformation of Energy	1079	182	156	170	207	327	430	408	385	397	390	388	338	528	685	683	593	676	723	580	595	1037	10957
D14	Recording, Communication, or Information Retrieval Equipment	2680	458	569	551	601	802	870	742	958	1048	1096	1099	1076	1355	1375	1643	1426	1487	1790	1786	1342	2469	27223
D15	Machines Not Elsewhere Specified	1875	212	216	213	188	257	183	319	382	283	378	365	276	381	381	437	410	430	418	437	343	650	9034
D16	Photography and Optical Equipment	785	110	111	108	96	180	193	211	192	225	232	281	259	406	362	463	365	290	417	322	302	415	6325
D17	Musical Instruments	344	42	42	39	29	74	92	56	54	80	53	59	49	67	72	39	54	46	60	37	48	65	1501

Class	Class Title	PRE_1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
D18	Printing and Office Machinery	1240	222	225	242	228	296	360	242	301	260	294	287	244	235	223	310	297	218	241	198	159	455	6777
D19	Office Supplies; Artists` and Teachers` Materials	1333	200	154	138	176	247	323	358	366	290	375	238	307	413	413	437	454	423	428	461	380	384	8298
D20	Sales and Advertising Equipment	435	64	75	77	41	106	132	107	137	169	156	128	182	219	182	227	153	104	185	146	136	141	3302
D21	Games, Toys, and Sports Goods	3877	505	550	482	619	699	893	828	812	1059	1058	923	883	1214	1128	1203	967	824	862	793	697	1138	22014
D22	Arms, Pyrotechnics, Hunting and Fishing Equipment	926	116	155	154	213	184	147	189	153	188	204	225	159	189	196	198	173	178	194	160	150	205	4656
D23	Environmental Heating and Cooling; Fluid Handling and Sanitary Equipment	2385	349	384	351	283	417	649	560	494	596	614	578	601	833	863	1033	932	989	935	850	816	1588	17100
D24	Medical and Laboratory Equipment	2546	475	450	412	468	442	521	578	565	598	611	589	502	586	639	735	815	628	740	611	384	605	14500
D25	Building Units and Construction Elements	1894	185	169	143	229	191	203	266	286	335	374	312	343	363	381	407	405	438	384	362	326	322	8318
D26	Lighting	1102	177	216	178	232	233	353	348	309	398	421	505	489	581	595	856	959	730	792	714	530	915	11633
D27	Tobacco and Smokers` Supplies	338	25	32	29	27	30	35	12	25	37	37	39	47	90	94	66	85	98	68	78	59	109	1460
D28	Cosmetic Products and Toilet Articles	892	160	114	135	196	281	197	142	173	281	200	217	215	232	241	421	372	290	306	282	212	333	5892
D29	Equipment for Safety, Protection, and Rescue (1)	308	49	45	72	59	78	63	61	81	98	119	109	93	82	93	103	89	116	76	103	67	129	2093
D30	Animal Husbandry	577	62	109	104	82	92	165	168	220	207	211	208	157	135	120	207	135	130	145	143	149	179	3705
D32	Washing, Cleaning, or Drying Machine	639	110	176	138	135	193	227	156	168	225	239	223	239	259	230	336	298	276	314	278	207	435	5501
D34	Material or Article Handling Equipment	647	150	209	277	252	230	332	388	389	289	299	219	164	250	226	228	218	213	227	184	105	263	5759
D99	Miscellaneous	265	42	54	26	43	35	36	55	67	53	83	57	71	86	74	88	113	57	100	114	62	64	1645
PLT	Plants	1615	224	229	425	587	318	353	321	442	499	389	367	398	563	422	551	586	1134	994	1019	716	1149	13301
ALL	ALL CLASSES	1117678	140998	164226	153680	185702	174241	184804	186328	189902	193287	192455	205139	208083	270700	278236	284625	296671	297667	301646	292190	254155	307374	5879787

Contact Information

Questions regarding these reports should be directed to:

U.S. Patent and Trademark Office
Electronic Information Products Division - PTMT (formerly TAF Branch)
MDW 4C18; P.O. Box 1450
Alexandria, VA 22313-1450

tel: (571) 272-5600
fax: (571) 273-0110
[email: oeip@uspto.gov](mailto:oeip@uspto.gov)

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