

Patent Counts By Class By Year JANUARY 1977 -- DECEMBER 2011

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 -](#)

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 475 total classes and 165,000 total subclasses. Copies of each patent are placed (classified) in those subclasses that 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, 2011. Please refer to the U.S. Patent and Trademark Office *Manual of Patent Classification* for further information regarding 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.

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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 - 12/31/2011*

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
001	** Classification Undetermined **	9	0	0	0	0	1	0	0	0	0	1	0	1	1	0	0	2	1	3	7	3	1	30
002	Apparel	2648	394	341	232	260	270	384	426	508	601	568	550	497	338	408	341	381	238	220	174	401	427	10607
004	Baths, Closets, Sinks, and Spittoons	2347	287	221	249	290	230	198	218	311	409	327	351	398	329	309	231	219	183	138	111	190	259	7805
005	Beds	2464	320	338	268	237	268	335	298	312	314	353	343	333	373	403	389	390	278	350	331	403	355	9455
007	Compound Tools	247	33	21	34	25	14	28	25	31	40	41	46	39	33	38	39	39	29	10	13	15	17	857
008	Bleaching and Dyeing; Fluid Treatment and Chemical Modification of Textiles and Fibers	2883	194	176	201	202	188	211	159	228	310	239	187	194	243	212	136	194	205	180	181	237	249	7209
012	Boot and Shoe Making	302	14	11	14	13	7	11	10	14	20	6	11	6	9	9	4	9	6	11	9	17	16	529
014	Bridges	332	33	22	25	36	44	41	30	39	41	32	28	53	38	49	34	46	39	32	40	38	60	1132
015	Brushing, Scrubbing, and General Cleaning	3958	366	338	314	446	432	446	394	544	599	620	506	447	500	425	351	346	437	392	381	576	561	13379
016	Miscellaneous Hardware (e.g., Bushing, Carpet Fastener, Caster, Door Closer, Panel Hanger, Attachable or Adjunct Handle, Hinge, Window Sash Balance, Etc.)	1593	177	135	132	130	148	179	164	216	202	227	199	270	258	215	190	232	166	145	215	258	274	5725
019	Textiles: Fiber Preparation	836	122	65	54	68	66	54	54	47	45	58	65	52	42	22	20	28	15	27	32	46	27	1845
023	Chemistry: Physical Processes	190	5	15	10	19	12	5	5	13	7	14	10	11	8	5	10	6	4	7	9	11	19	395
024	Buckles, Buttons, Clasps, Etc.	2566	257	243	210	225	236	227	293	288	299	276	306	357	322	205	144	223	200	200	182	204	216	7679
026	Textiles: Cloth Finishing	244	17	18	12	11	26	20	17	23	25	14	12	7	9	7	8	6	9	4	4	9	4	506
027	Undertaking	113	11	14	13	13	14	16	28	24	20	23	23	12	25	15	12	13	42	33	23	22	31	540
028	Textiles: Manufacturing	603	59	53	39	64	60	38	47	39	45	54	44	51	45	46	23	45	42	39	33	24	20	1513
029	Metal Working	10303	992	980	1050	961	878	924	976	1203	1120	1252	1379	1260	1472	1398	1244	1495	1251	1034	1117	1491	1519	35299
030	Cutlery	2972	339	237	202	221	213	234	228	276	304	291	282	306	299	275	221	230	199	164	170	205	254	8122
033	Geometrical Instruments	3951	363	335	250	235	320	246	195	255	213	318	341	407	386	374	398	379	413	382	376	396	374	10907
034	Drying and Gas or Vapor Contact with Solids	2243	183	189	199	201	167	250	229	241	284	349	234	256	184	202	193	187	97	157	75	82	161	6363
036	Boots, Shoes, and Leggings	1821	148	112	141	165	160	146	177	258	259	227	202	194	185	217	196	214	175	208	185	272	235	5897
037	Excavating	1082	88	94	82	50	85	103	79	102	112	122	108	139	110	115	103	95	67	43	116	170	102	3167
038	Textiles: Ironing or Smoothing	321	33	22	12	38	29	32	37	34	33	38	30	36	23	36	20	39	28	26	22	30	21	940
040	Card, Picture, or Sign Exhibiting	2375	196	132	145	197	191	176	188	214	240	265	262	249	313	246	202	173	204	221	184	235	242	6850
042	Firearms	1269	154	100	93	108	139	108	144	149	136	87	164	189	195	155	119	130	129	135	135	212	240	4290
043	Fishing, Trapping, and Vermin Destroying	2879	253	263	284	273	212	274	176	184	346	292	206	243	296	221	195	169	139	130	133	195	155	7518

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
044	Fuel and Related Compositions	1692	92	81	86	103	96	105	79	100	105	119	98	77	112	89	46	28	58	66	82	93	105	3512
047	Plant Husbandry	1460	152	141	130	162	173	178	130	143	192	236	200	222	206	129	104	107	83	49	105	168	159	4629
048	Gas: Heating and Illuminating	877	23	19	24	12	34	23	42	44	29	19	26	7	21	37	28	51	60	69	81	86	104	1716
049	Movable or Removable Closures	1969	204	148	167	166	174	176	139	176	182	236	194	191	168	187	140	139	80	88	110	149	132	5315
051	Abrasive Tool Making Process, Material, or Composition	517	62	86	89	58	51	69	73	42	52	45	70	77	82	71	41	31	45	29	40	21	68	1719
052	Static Structures (e.g., Buildings)	8353	689	606	643	689	616	750	830	1000	983	1012	1136	974	851	774	678	565	441	400	601	1112	940	24643
053	Package Making	3807	401	337	301	278	418	391	436	538	394	456	387	359	418	425	378	352	248	360	308	321	301	11614
054	Harness for Working Animal	166	24	25	16	19	16	15	12	27	12	31	24	33	35	31	13	27	34	25	25	9	12	631
055	Gas Separation	1255	98	118	114	64	77	96	103	184	152	170	172	190	169	177	150	147	181	253	276	307	358	4811
056	Harvesters	2495	216	177	176	172	198	158	116	214	238	229	182	205	201	178	199	165	118	142	157	216	184	6336
057	Textiles: Spinning, Twisting, and Twining	2407	69	133	113	142	111	109	111	162	116	107	132	98	61	66	50	75	48	57	41	52	56	4316
059	Chain, Staple, and Horseshoe Making	253	16	19	20	23	20	12	20	27	27	23	41	28	29	24	27	30	28	34	34	26	26	787
060	Power Plants	7093	519	644	634	644	620	503	537	710	672	740	1025	974	944	951	947	1095	758	707	906	1147	1217	23987
062	Refrigeration	6232	583	572	710	653	636	632	685	791	902	884	1045	1099	1022	813	660	797	836	564	481	698	674	21969
063	Jewelry	283	37	48	34	28	36	42	55	40	33	41	36	56	52	43	26	40	38	37	25	29	26	1085
065	Glass Manufacturing	3182	207	234	175	175	101	118	200	234	251	175	194	200	202	223	124	139	97	103	84	146	195	6759
066	Textiles: Knitting	1131	86	71	80	74	69	94	73	73	89	141	128	71	70	82	81	80	61	49	72	73	70	2818
068	Textiles: Fluid Treating Apparatus	792	63	50	70	62	62	70	80	112	111	69	49	79	72	29	33	35	72	93	113	106	114	2336
069	Leather Manufactures	99	7	1	2	1	0	2	3	1	2	2	1	1	1	4	7	0	1	1	4	5	4	149
070	Locks	2416	239	171	189	182	210	201	242	338	319	248	211	285	308	222	212	203	178	205	153	160	188	7080
071	Chemistry: Fertilizers	627	37	53	38	40	61	44	59	58	42	39	62	64	24	27	14	12	11	14	18	48	42	1434
072	Metal Deforming	5203	384	326	326	325	277	325	389	470	500	435	450	343	350	322	259	458	385	308	258	272	294	12659
073	Measuring and Testing	14705	1158	1073	1128	1376	1356	1465	1347	1654	1529	1517	1575	1685	2056	1724	1781	1917	1797	1918	1726	1934	1895	48316
074	Machine Element or Mechanism	5504	438	514	595	409	373	490	425	618	626	613	604	561	491	410	354	390	390	340	378	471	477	15471
075	Specialized Metallurgical Processes, Compositions for Use Therein, Consolidated Metal Powder Compositions, and Loose Metal Particulate Mixtures	3178	203	192	227	223	245	175	150	200	247	231	274	289	235	190	131	102	136	123	174	205	210	7340
076	Metal Tools and Implements, Making	393	41	38	23	27	44	28	24	23	19	31	21	19	22	15	10	9	16	8	11	14	13	849
079	Button Making	2	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1	0	0	1	1	0	10
081	Tools	2103	211	185	187	197	142	193	130	184	285	352	407	293	228	256	310	417	337	205	115	196	212	7145
082	Turning	985	82	73	63	54	33	41	64	73	82	68	75	55	109	50	45	49	30	38	52	63	68	2252
083	Cutting	3629	308	282	259	235	183	157	177	301	337	314	286	204	264	320	210	272	174	144	157	215	243	8671
084	Music	3156	239	252	299	305	343	324	273	342	417	381	347	306	277	274	234	316	374	425	482	559	451	10376
086	Ammunition and Explosive-Charge Making	226	18	19	18	17	16	10	14	21	10	11	16	15	15	7	14	15	12	14	14	18	13	533
087	Textiles: Braiding, Netting, and Lace Making	116	8	8	7	9	11	6	6	13	15	7	8	11	9	5	2	8	11	7	3	9	9	288
089	Ordnance	1676	150	157	127	133	131	79	109	120	107	80	123	115	124	115	87	84	96	104	133	185	229	4264

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
091	Motors: Expansible Chamber Type	1933	107	133	122	92	67	87	77	111	77	80	92	104	81	92	69	79	80	48	49	34	52	3666
092	Expansible Chamber Devices	1153	135	90	93	101	101	93	111	141	136	99	153	160	144	113	105	99	127	103	75	86	77	3495
095	Gas Separation: Processes	1754	163	181	152	122	135	136	132	205	216	205	227	272	276	218	166	211	165	213	189	296	341	5975
096	Gas Separation: Apparatus	1635	122	112	108	93	97	111	124	138	133	126	130	168	159	142	116	108	128	151	190	207	185	4483
099	Foods and Beverages: Apparatus	2312	201	210	254	234	309	279	320	306	352	332	332	277	278	247	173	176	112	169	161	239	198	7471
100	Presses	1412	107	115	117	113	99	103	103	135	105	82	82	56	129	105	82	108	73	97	55	51	61	3390
101	Printing	3259	302	327	309	319	339	357	366	525	447	431	385	438	546	581	333	353	205	201	168	192	193	10576
102	Ammunition and Explosives	2377	262	203	197	182	180	155	143	155	132	121	215	192	213	151	137	141	110	141	133	172	202	5914
104	Railways	1159	92	96	81	71	82	86	102	73	52	65	91	105	84	57	47	33	41	51	66	87	67	2688
105	Railway Rolling Stock	962	78	82	72	69	78	77	71	91	55	64	99	91	81	49	67	49	43	47	55	74	77	2431
106	Compositions: Coating or Plastic	3738	344	426	377	483	406	394	415	554	518	427	428	472	489	489	311	372	411	365	327	509	424	12679
108	Horizontally Supported Planar Surfaces	1053	73	97	76	145	138	167	158	159	176	190	152	155	149	159	110	118	64	71	88	130	132	3760
109	Safes, Bank Protection, or a Related Device	296	12	8	18	12	11	12	22	21	16	11	7	12	14	8	12	5	6	7	4	7	3	524
110	Furnaces	1544	144	124	108	137	80	104	121	143	82	93	119	92	50	68	79	62	33	32	23	51	29	3318
111	Planting	519	36	30	26	38	41	55	47	38	59	59	68	48	66	58	47	59	57	59	61	70	54	1595
112	Sewing	2825	214	171	143	127	134	178	156	181	188	157	146	87	65	112	92	89	71	78	69	65	90	5438
114	Ships	3097	294	255	239	259	268	271	256	257	277	336	318	274	287	258	321	331	292	259	206	213	232	8800
116	Signals and Indicators	859	87	58	63	82	58	57	52	40	51	59	66	75	65	73	60	48	48	57	63	82	57	2160
117	Single-Crystal, Oriented-Crystal, and Epitaxy Growth Processes; Non-Coating Apparatus Therefor	1065	88	108	129	151	177	138	127	203	236	226	190	187	178	191	175	184	206	221	152	163	125	4620
118	Coating Apparatus	2665	269	271	290	273	323	369	375	408	431	554	544	478	444	367	299	258	225	256	257	355	396	10107
119	Animal Husbandry	2438	311	310	277	291	248	279	283	456	391	357	356	438	434	298	304	325	297	234	231	305	363	9226
122	Liquid Heaters and Vaporizers	1287	76	56	68	99	47	59	35	86	82	82	82	82	86	65	64	46	43	52	56	51	48	2652
123	Internal-Combustion Engines	13518	1196	1154	1082	843	864	1076	1108	1294	1241	1397	1752	1776	1741	1664	1622	1836	1636	1513	1137	1283	1140	41873
124	Mechanical Guns and Projectors	782	79	77	84	92	108	104	138	106	109	101	82	79	114	138	81	71	95	76	80	146	145	2887
125	Stone Working	372	21	28	36	24	20	24	31	41	47	68	64	61	39	38	47	63	30	30	13	29	32	1158
126	Stoves and Furnaces	4850	198	144	149	167	169	139	143	162	230	224	184	122	164	166	154	78	61	62	71	169	157	7963
127	Sugar, Starch, and Carbohydrates	404	31	30	20	25	23	22	18	32	47	21	26	25	12	15	6	11	12	5	6	15	18	824
128	Surgery	2510	365	294	324	390	389	494	522	653	558	588	481	523	573	521	411	505	374	302	335	507	567	12186
131	Tobacco	1860	164	174	94	83	90	91	92	129	80	89	61	67	73	92	45	30	48	34	43	95	91	3625
132	Toilet	1117	134	118	103	130	96	136	140	244	322	239	188	169	157	102	66	94	113	72	81	88	128	4037
134	Cleaning and Liquid Contact with Solids	2121	271	262	270	317	321	303	322	433	549	438	462	514	554	390	302	272	284	267	287	390	446	9775
135	Tent, Canopy, Umbrella, or Cane	648	62	74	86	126	90	95	105	131	112	122	186	134	93	123	81	78	102	90	116	123	141	2918
136	Batteries: Thermoelectric and Photoelectric	1117	71	63	72	76	91	85	65	72	118	173	203	180	147	113	55	58	78	60	82	195	291	3465
137	Fluid Handling	8414	699	678	662	623	581	555	539	746	903	947	1020	722	673	686	693	678	539	443	407	531	477	22216
138	Pipes and Tubular Conduits	1538	105	75	81	111	127	114	110	172	240	275	216	177	158	135	152	150	88	90	137	134	141	4526
139	Textiles: Weaving	1643	142	124	100	110	119	100	98	109	89	137	156	98	41	67	95	102	45	56	80	69	37	3617

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140	Wireworking	485	27	35	29	25	26	33	33	36	33	31	26	21	28	19	8	33	22	19	7	7	14	997
141	Fluent Material Handling, with Receiver or Receiver Coacting Means	2006	173	184	217	255	209	228	215	237	298	251	347	312	289	333	268	276	232	133	143	209	184	6999
142	Wood Turning	32	3	5	1	1	1	3	2	1	5	2	2	0	1	0	0	0	0	0	1	0	0	60
144	Woodworking	1487	106	130	87	109	101	80	91	107	139	133	110	111	121	72	53	109	74	83	65	109	127	3604
147	Coopering	3	0	0	0	0	1	0	0	1	0	0	4	0	0	0	0	0	0	0	0	1	1	11
148	Metal Treatment	3567	318	379	386	367	378	339	293	393	406	403	469	479	470	345	227	202	191	202	229	339	308	10690
149	Explosive and Thermic Compositions or Charges	775	77	31	27	19	52	82	46	55	41	73	57	43	61	45	63	25	2	8	14	40	79	1715
150	Purses, Wallets, and Protective Covers	155	18	21	21	19	15	15	10	20	17	28	23	18	21	15	9	13	18	10	24	25	14	529
152	Resilient Tires and Wheels	1601	116	116	160	160	135	104	125	146	130	178	170	233	225	169	149	172	147	125	120	134	170	4785
156	Adhesive Bonding and Miscellaneous Chemical Manufacture	8673	655	695	767	758	806	751	887	1058	1128	1069	1075	1078	1188	1049	751	732	614	555	485	805	1102	26681
157	Wheelwright Machines	196	20	15	18	10	8	7	5	5	7	15	23	8	14	7	12	16	20	18	17	15	12	468
159	Concentrating Evaporators	291	14	28	26	10	12	11	5	14	9	8	5	8	3	7	14	7	5	4	7	9	9	506
160	Flexible or Portable Closure, Partition, or Panel	1219	157	170	123	122	125	159	165	173	171	244	212	172	188	193	169	162	138	98	112	179	142	4593
162	Paper Making and Fiber Liberation	2126	189	226	215	206	224	269	295	330	286	326	423	427	309	271	192	209	204	200	193	269	311	7700
163	Needle and Pin Making	12	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	15
164	Metal Founding	3010	260	187	258	260	175	196	200	225	244	162	205	261	290	201	218	235	183	104	105	153	207	7339
165	Heat Exchange	4289	351	316	307	335	253	301	266	346	380	371	420	373	346	417	424	544	359	253	251	306	290	11498
166	Wells	4973	402	400	417	528	407	308	248	386	422	518	632	525	595	648	515	840	755	745	693	1069	862	16888
168	Farriery	76	14	14	12	9	2	7	9	8	6	12	10	16	10	10	6	3	5	6	9	3	0	247
169	Fire Extinguishers	508	53	63	45	33	32	59	56	67	88	97	49	52	45	49	49	58	40	50	35	80	38	1646
171	Unearthing Plants or Buried Objects	147	8	5	8	6	8	5	5	6	2	7	4	5	6	5	4	6	1	1	2	7	6	254
172	Earth Working	1791	86	83	75	82	109	110	94	134	111	132	127	100	87	97	91	90	46	37	70	100	82	3734
173	Tool Driving or Impacting	1000	77	86	46	65	53	57	54	76	86	99	91	66	90	115	104	124	83	109	96	125	132	2834
174	Electricity: Conductors and Insulators	2947	288	243	336	364	404	355	317	488	416	516	914	954	792	751	682	655	640	628	620	679	736	14725
175	Boring or Penetrating the Earth	2264	191	184	160	223	170	181	154	214	233	270	306	276	261	229	203	275	265	280	256	385	383	7363
177	Weighing Scales	1325	64	89	90	75	41	36	60	111	92	57	69	84	87	94	65	85	83	69	71	63	51	2861
178	Telegraphy	484	39	32	32	26	42	55	40	36	32	10	14	11	11	14	5	10	7	2	1	5	7	915
180	Motor Vehicles	4363	419	355	327	340	215	303	198	356	416	457	491	537	570	506	571	577	588	610	681	863	767	14510
181	Acoustics	1643	118	109	113	98	112	111	101	154	173	171	126	152	179	144	126	72	110	142	151	202	229	4536
182	Fire Escape, Ladder, or Scaffold	1585	151	169	83	138	104	97	104	151	191	162	130	166	128	153	137	144	95	47	33	78	115	4161
184	Lubrication	501	69	54	71	54	53	59	42	53	44	60	69	66	62	41	39	41	34	31	18	50	69	1580
185	Motors: Spring, Weight, or Animal Powered	65	0	3	5	3	5	0	4	3	5	4	3	6	2	4	2	1	0	0	2	2	2	121
186	Merchandising	85	11	20	10	8	9	13	9	12	9	10	6	7	17	10	3	3	8	3	4	4	7	268
187	Elevator, Industrial Lift Truck, or Stationary Lift for Vehicle	977	125	106	114	123	101	120	111	154	182	116	132	171	102	70	67	112	128	130	132	147	130	3550
188	Brakes	2948	227	236	212	238	275	295	203	253	307	295	481	448	315	251	290	302	261	240	212	230	269	8788

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
190	Trunks and Hand-Carried Luggage	251	24	42	24	26	37	37	31	37	38	39	47	40	47	23	26	31	22	21	20	19	32	914
191	Electricity: Transmission To Vehicles	199	17	16	20	16	10	13	21	18	15	14	35	23	15	13	14	12	5	2	11	10	18	517
192	Clutches and Power-Stop Control	3249	327	289	179	162	177	245	280	265	393	359	275	298	326	296	223	259	193	174	162	214	210	8555
193	Conveyors, Chutes, Skids, Guides, and Ways	271	25	18	20	13	14	9	11	4	26	26	35	28	17	16	11	19	16	15	20	15	15	644
194	Check-Actuated Control Mechanisms	579	57	56	60	68	89	83	51	56	84	81	66	34	56	45	52	36	31	18	36	68	40	1746
196	Mineral Oils: Apparatus	78	6	4	5	3	2	2	4	5	2	4	1	1	0	0	0	2	0	2	4	2	7	134
198	Conveyors: Power-Driven	4155	425	468	389	423	327	304	282	321	422	421	523	474	486	411	313	342	340	334	315	425	410	12310
199	Type Casting	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
200	Electricity: Circuit Makers and Breakers	4260	263	208	233	259	240	251	249	389	363	345	275	325	384	418	359	414	341	326	350	319	369	10940
201	Distillation: Processes, Thermolytic	349	7	10	1	6	13	5	14	12	3	5	3	1	3	3	4	9	0	5	9	16	19	497
202	Distillation: Apparatus	774	28	27	44	32	36	29	31	31	35	24	25	21	26	21	18	23	15	21	22	25	29	1337
203	Distillation: Processes, Separatory	953	56	86	83	62	81	62	68	84	74	48	40	71	43	33	36	35	32	33	40	28	36	2084
204	Chemistry: Electrical and Wave Energy	5723	377	493	466	532	488	422	425	477	544	688	725	681	606	521	404	342	349	317	312	481	535	15908
205	Electrolysis: Processes, Compositions Used Therein, and Methods of Preparing the Compositions	4901	281	343	338	347	329	295	285	276	352	334	470	393	348	353	242	204	201	178	177	255	279	11181
206	Special Receptacle or Package	6116	588	571	597	655	632	631	614	853	872	804	685	618	561	486	530	492	384	529	445	632	570	18865
208	Mineral Oils: Processes and Products	4371	274	207	206	280	183	126	134	152	254	207	193	169	152	144	106	117	140	163	165	249	221	8213
209	Classifying, Separating, and Assorting Solids	2804	178	184	198	187	182	166	159	165	222	220	227	175	160	184	146	142	126	145	113	151	197	6431
210	Liquid Purification or Separation	10381	1132	1279	1199	955	1043	1120	1117	1163	1162	1182	1230	1051	1007	996	894	883	971	931	847	1012	1045	32600
211	Supports: Racks	1921	239	248	232	246	185	234	258	332	303	321	308	300	293	251	227	227	195	112	107	202	271	7012
212	Traversing Hoists	538	36	42	30	16	26	24	44	47	37	51	38	30	53	21	14	34	38	45	42	40	29	1275
213	Railway Draft Appliances	187	14	28	11	14	14	27	14	15	14	14	22	14	5	14	5	10	9	10	15	19	12	487
215	Bottles and Jars	1929	162	153	126	122	156	121	133	186	197	165	135	117	102	93	91	117	80	70	83	122	127	4587
216	Etching a Substrate: Processes	1087	142	137	229	205	208	156	192	238	229	215	224	246	257	229	197	241	228	233	198	210	297	5598
217	Wooden Receptacles	49	0	2	1	5	2	2	0	5	5	3	1	1	1	0	2	1	0	2	0	3	2	87
218	High-Voltage Switches with Arc Preventing or Extinguishing Devices	940	44	50	34	39	26	52	34	79	55	47	65	60	48	57	33	30	22	14	23	36	34	1822
219	Electric Heating	8350	686	670	691	720	639	601	557	838	955	1162	1131	1121	1046	1085	950	1023	801	579	487	666	583	25341
220	Receptacles	4076	402	407	413	393	377	383	347	453	515	482	488	402	283	285	230	288	216	187	291	389	467	11774
221	Article Dispensing	1183	123	116	114	110	119	127	85	135	145	153	174	141	184	151	98	142	100	81	73	111	106	3771
222	Dispensing	5120	573	534	510	573	520	466	437	558	790	628	649	641	448	470	420	415	344	238	264	488	428	15514
223	Apparel Apparatus	480	71	60	31	30	49	53	73	61	82	94	85	51	36	55	44	39	54	43	21	43	37	1592
224	Package and Article Carriers	1712	208	158	206	203	256	260	267	319	302	246	295	252	223	224	140	110	97	85	60	132	145	5900
225	Severing by Tearing or Breaking	446	40	56	36	36	32	31	23	36	35	21	26	29	37	37	30	31	17	12	14	19	14	1058
226	Advancing Material of Indeterminate Length	891	35	37	47	60	42	33	35	80	58	47	51	53	43	26	18	16	21	18	5	10	12	1638
227	Elongated-Member-Driving Apparatus	1066	90	80	70	78	93	106	123	126	110	124	94	83	120	148	133	175	132	145	159	224	266	3745
228	Metal Fusion Bonding	2098	235	278	299	273	241	204	203	181	259	371	384	328	300	304	257	191	136	199	176	315	288	7520

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
229	Envelopes, Wrappers, and Paperboard Boxes	2063	227	184	190	221	186	162	141	200	199	191	188	153	118	58	97	76	83	77	90	137	111	5152
231	Whips and Whip Apparatus	10	2	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0	0	3	1	2	1	24
232	Deposit and Collection Receptacles	299	30	27	16	17	38	22	23	25	28	19	23	18	21	25	27	37	52	42	22	22	18	851
234	Selective Cutting (e.g., Punching)	26	0	1	0	1	0	0	0	0	0	0	0	0	2	3	2	8	1	3	0	2	0	49
235	Registers	2147	235	239	316	311	365	350	318	446	568	601	514	597	798	813	620	1041	1025	1085	1016	1191	1276	15872
236	Automatic Temperature and Humidity Regulation	1172	55	61	93	78	59	57	45	67	87	80	82	86	75	68	59	64	69	41	47	105	92	2642
237	Heating Systems	515	28	26	32	25	19	23	24	49	45	46	38	39	39	31	23	26	7	11	5	11	13	1075
238	Railways: Surface Track	386	20	36	14	17	20	27	20	31	14	21	32	36	24	23	14	19	10	14	10	34	33	855
239	Fluid Sprinkling, Spraying, and Diffusing	4498	384	387	398	421	340	306	354	531	574	639	479	498	537	633	513	557	361	297	294	451	396	13848
241	Solid Material Comminution or Disintegration	2634	217	199	247	236	225	249	218	245	281	212	174	198	215	156	148	201	238	190	238	302	331	7354
242	Winding, Tensioning, or Guiding	5604	377	339	447	549	367	445	421	574	536	528	442	506	462	367	338	339	316	291	223	236	222	13929
244	Aeronautics and Astronautics	3135	350	391	294	283	238	223	213	404	386	435	446	449	442	428	352	371	345	281	358	484	661	10969
245	Wire Fabrics and Structure	16	1	0	1	0	0	0	0	1	0	1	3	0	0	0	1	2	1	1	0	0	2	30
246	Railway Switches and Signals	276	21	27	26	29	33	38	37	45	16	31	33	37	37	24	16	29	27	19	20	27	24	872
248	Supports	5044	710	665	491	538	492	491	494	753	723	804	685	798	738	496	406	466	500	420	597	808	695	17814
249	Static Molds	947	35	41	39	28	31	35	45	50	39	35	54	45	46	60	39	57	46	23	27	36	42	1800
250	Radiant Energy	10158	1320	1187	1072	1164	1110	1002	884	1121	1026	1036	1284	1478	1679	1781	1474	2281	2008	2213	2182	2278	1847	41585
251	Valves and Valve Actuation	2851	218	261	245	250	166	178	167	244	286	341	244	254	284	326	367	382	210	179	174	223	207	8057
252	Compositions	4652	522	546	542	535	502	532	502	666	655	602	511	431	554	529	326	441	421	435	433	642	715	15694
254	Implements or Apparatus for Applying Pushing or Pulling Force	1559	78	114	130	91	72	85	99	100	144	150	135	138	162	116	124	148	123	138	112	122	112	4052
256	Fences	509	36	39	39	34	38	45	54	51	49	62	70	46	73	57	64	54	35	48	53	44	44	1544
257	Active Solid-State Devices (e.g., Transistors, Solid-State Diodes)	5576	1245	1119	1006	1390	1368	1545	1622	2418	2623	2716	2979	3583	4300	4699	4303	4498	4313	4122	4675	6901	7028	74029
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	2
260	Chemistry of Carbon Compounds	26	2	4	8	6	3	1	3	4	0	3	10	2	2	2	2	0	1	5	3	2	2	91
261	Gas and Liquid Contact Apparatus	1748	98	101	86	67	75	101	92	86	111	119	136	130	124	121	78	117	108	98	103	104	128	3931
264	Plastic and Nonmetallic Article Shaping or Treating: Processes	8626	906	1017	997	750	805	772	890	1112	995	975	997	885	998	988	656	646	540	505	525	1117	1007	26709
266	Metallurgical Apparatus	1849	129	117	111	145	120	87	79	75	86	92	92	88	94	69	43	36	45	57	84	88	103	3689
267	Spring Devices	1342	123	145	146	124	107	117	110	119	149	158	184	220	177	109	82	113	99	102	65	77	97	3965
269	Work Holders	1246	80	107	87	74	57	82	64	104	127	137	123	122	122	95	86	89	64	52	35	69	126	3148
270	Sheet-Material Associating	563	95	99	52	55	63	60	63	68	34	33	60	45	52	66	32	54	48	75	119	139	208	2083
271	Sheet Feeding or Delivering	2457	342	383	351	287	261	229	242	202	324	319	358	289	379	251	219	215	215	338	436	561	567	9225
273	Amusement Devices: Games	3065	285	297	259	338	339	313	326	362	311	294	312	322	302	219	189	218	232	224	228	260	205	8900
276	Typesetting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
277	Seal for a Joint or Juncture	2504	192	183	188	165	134	240	212	183	226	258	326	296	263	249	206	187	107	112	68	157	174	6630
278	Land Vehicles: Animal Draft	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	3

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
	Appliances																							
279	Chucks or Sockets	501	47	47	49	61	52	38	27	57	72	49	73	57	77	37	57	23	34	29	25	34	43	1489
280	Land Vehicles	7659	817	698	795	929	926	1012	817	1118	1184	1394	1502	1379	1152	1148	1112	1139	1165	1219	1170	1571	1353	31259
281	Books, Strips, and Leaves	348	43	42	55	37	45	37	46	51	71	54	48	34	19	24	17	15	8	13	10	28	11	1056
283	Printed Matter	515	87	85	88	97	100	75	79	120	138	126	117	77	54	66	33	33	24	30	18	47	47	2056
285	Pipe Joints or Couplings	3155	258	319	250	324	265	253	189	299	315	287	293	346	294	229	251	251	165	276	269	320	265	8873
289	Knots and Knot Tying	107	4	2	2	1	1	5	9	3	7	5	10	7	10	7	4	3	5	4	7	3	8	214
290	Prime-Mover Dynamo Plants	903	31	42	22	34	34	17	26	65	54	83	108	106	98	168	183	199	193	240	250	262	347	3465
291	Track Sanders	17	0	1	0	0	0	3	0	0	0	1	0	1	2	1	5	1	1	1	3	1	2	40
292	Closure Fasteners	2056	255	220	148	113	134	211	196	184	189	234	126	242	239	162	160	182	194	172	151	170	163	5901
293	Vehicle Fenders	344	32	38	25	21	19	15	22	30	28	32	61	56	55	69	74	54	60	56	53	48	62	1254
294	Handling: Hand and Hoist-Line Implements	2063	140	163	165	170	164	183	178	233	206	233	193	209	150	81	89	140	149	119	128	161	169	5486
295	Railway Wheels and Axles	38	4	1	1	1	0	4	4	0	9	2	3	4	5	4	1	0	1	1	1	3	0	87
296	Land Vehicles: Bodies and Tops	2957	392	321	292	278	239	318	287	436	539	626	796	730	781	788	731	822	745	702	662	864	710	15016
297	Chairs and Seats	3125	273	299	233	457	344	460	447	540	591	652	490	555	639	629	480	626	505	549	547	677	612	13730
298	Land Vehicles: Dumping	183	14	11	14	11	20	20	7	17	11	21	25	16	27	24	17	13	11	12	6	16	22	518
299	Mining or In Situ Disintegration of Hard Material	1520	56	78	55	39	43	40	45	39	39	45	57	53	45	36	36	36	29	67	43	43	63	2507
300	Brush, Broom, and Mop Making	75	7	15	9	9	13	12	15	12	12	5	12	12	13	12	8	3	6	8	8	10	9	285
301	Land Vehicles: Wheels and Axles	573	63	62	49	59	48	75	56	79	86	122	128	132	119	97	79	90	58	75	64	64	85	2263
303	Fluid-Pressure and Analogous Brake Systems	1807	170	176	223	218	220	217	191	216	231	274	302	247	187	132	142	139	118	142	95	131	130	5708
305	Wheel Substitutes for Land Vehicles	340	15	17	15	20	22	14	18	34	31	41	44	51	45	28	31	27	28	26	20	38	38	943
307	Electrical Transmission or Interconnection Systems	1877	104	117	178	138	164	222	275	320	386	327	277	289	316	301	143	286	289	318	431	555	660	7973
310	Electrical Generator or Motor Structure	5051	488	508	491	480	432	426	491	863	873	911	997	988	878	1365	1105	1052	917	968	1207	1403	1408	23302
312	Supports: Cabinet Structure	1888	149	170	195	163	213	193	191	235	263	272	207	250	219	207	174	130	121	113	113	210	187	5863
313	Electric Lamp and Discharge Devices	3720	337	292	269	206	299	397	376	607	610	556	601	729	1031	915	692	769	764	723	825	1141	1168	17027
314	Electric Lamp and Discharge Devices: Consumable Electrodes	6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0	0	10
315	Electric Lamp and Discharge Devices: Systems	4118	480	364	320	332	401	357	305	453	472	539	617	730	750	643	517	575	535	499	419	520	734	14680
318	Electricity: Motive Power Systems	4792	426	416	468	420	422	467	419	664	618	634	585	580	526	564	562	779	622	583	614	644	752	16557
320	Electricity: Battery or Capacitor Charging or Discharging	710	58	105	122	110	102	149	267	245	323	361	397	355	295	251	208	183	186	246	503	623	558	6357
322	Electricity: Single Generator Systems	490	44	35	42	36	18	55	53	62	37	49	50	38	37	62	36	66	75	62	75	48	63	1533
323	Electricity: Power Supply or Regulation Systems	1595	110	136	110	131	168	197	260	267	312	305	334	327	292	277	294	400	384	375	491	576	602	7943
324	Electricity: Measuring and Testing	7654	872	918	874	829	1020	1242	986	984	936	1179	1475	1896	1835	1821	1686	1953	1801	1701	1738	1984	1740	37124
326	Electronic Digital Logic Circuitry	1662	310	324	242	289	356	374	313	335	360	545	596	596	523	562	517	550	667	658	578	748	603	11708
327	Miscellaneous Active Electrical Nonlinear Devices, Circuits, and	4564	450	540	393	532	642	717	597	989	1094	1219	1412	1457	1261	1207	1071	1292	1174	1038	1236	1517	1331	25733

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
	Systems																							
329	Demodulators	451	27	39	17	30	42	28	31	36	30	36	32	17	24	27	17	17	9	16	21	19	23	989
330	Amplifiers	2622	245	251	195	269	252	208	210	266	354	426	451	477	551	589	478	651	652	639	612	666	558	11622
331	Oscillators	1821	161	186	127	158	173	169	176	228	220	268	299	223	346	356	293	380	397	376	407	449	409	7622
332	Modulators	305	33	36	21	33	48	39	24	41	35	27	32	25	37	21	21	25	29	18	32	64	55	1001
333	Wave Transmission Lines and Networks	2843	256	248	204	265	236	218	215	339	346	358	309	472	590	538	514	482	398	427	491	479	473	10701
334	Tuners	98	0	0	2	2	1	0	0	4	4	1	2	4	2	1	3	4	1	2	3	5	0	139
335	Electricity: Magnetically Operated Switches, Magnets, and Electromagnets	2131	179	155	154	195	156	179	151	123	220	193	222	202	204	243	245	240	154	136	188	231	192	6093
336	Inductor Devices	806	49	41	55	68	66	76	48	110	102	127	136	179	203	184	243	222	205	185	152	257	292	3806
337	Electricity: Electrothermally or Thermally Actuated Switches	1132	53	72	63	46	31	39	69	99	105	64	48	76	106	81	38	46	40	49	58	61	44	2420
338	Electrical Resistors	1370	104	84	92	106	49	67	63	86	118	103	100	105	80	53	50	97	69	47	49	97	99	3088
340	Communications: Electrical	7130	659	620	651	657	828	953	1065	1381	1381	1542	1433	1306	1092	1486	1490	2209	1718	1903	1870	2209	2297	35880
341	Coded Data Generation or Conversion	2298	297	260	291	251	313	320	474	569	443	461	645	769	724	722	653	817	805	884	748	806	762	14312
342	Communications: Directive Radio Wave Systems and Devices (e.g., Radar, Radio Navigation)	2899	315	322	301	354	341	418	300	404	463	500	530	594	565	586	421	516	496	541	685	711	805	13067
343	Communications: Radio Wave Antennas	2167	184	178	234	207	217	262	250	306	555	608	759	779	594	610	779	893	730	810	785	835	757	13499
345	Computer Graphics Processing and Selective Visual Display Systems	3076	402	419	533	703	761	906	1052	1667	1571	1635	1877	1867	1885	2171	2008	2940	2489	2352	2596	3321	3525	39756
346	Recorders	951	45	53	49	61	33	20	9	17	22	22	12	12	5	2	4	4	4	2	1	1	1	1330
347	Incremental Printing of Symbolic Information	3532	347	451	471	410	500	597	596	1049	1028	1414	1757	1881	1712	1578	1337	1485	1554	1831	1678	2266	2260	29734
348	Television	7158	824	822	839	962	940	1044	860	1157	1098	1036	1016	1053	1069	1280	1098	1603	1372	1634	1945	2338	2779	33927
349	Liquid Crystal Cells, Elements and Systems	1367	206	273	237	244	257	385	375	601	509	653	621	628	859	1007	993	951	842	997	1409	1692	1845	16951
351	Optics: Eye Examining, Vision Testing and Correcting	1433	170	159	167	150	202	202	196	279	324	313	296	261	315	311	245	297	364	417	379	438	444	7362
352	Optics: Motion Pictures	532	28	25	15	10	13	21	23	18	26	22	20	18	26	36	21	23	17	12	11	13	12	942
353	Optics: Image Projectors	655	43	51	66	72	87	85	95	113	97	101	133	212	257	305	269	403	382	342	252	318	518	4856
355	Photocopying	2547	280	219	126	159	150	95	191	224	252	226	321	269	300	365	345	469	393	399	283	321	355	8289
356	Optics: Measuring and Testing	5930	631	617	590	667	768	709	729	1050	986	1033	708	884	1262	1222	1100	1387	1540	1665	1576	1708	1565	28327
358	Facsimile and Static Presentation Processing	2657	414	474	525	630	587	724	636	916	779	745	678	717	791	825	915	1350	1290	1355	1462	1701	1935	22106
359	Optical: Systems and Elements	7177	876	958	864	754	753	1064	1120	1604	1563	1651	1773	1844	1911	2088	2011	2372	2024	2066	2033	2380	2267	41153
360	Dynamic Magnetic Information Storage or Retrieval	6236	694	629	705	764	781	702	754	1123	1143	1212	1121	1200	1251	1471	1129	1472	1137	1085	1135	1055	1060	27859
361	Electricity: Electrical Systems and Devices	6746	592	788	714	698	855	972	852	1387	1291	1391	1608	1934	1891	1856	1453	1712	1891	2005	2126	2498	2602	37862
362	Illumination	4046	517	516	401	430	539	531	537	649	670	879	968	979	1089	920	958	1261	1377	1200	1346	1819	1632	23264
363	Electric Power Conversion Systems	2499	217	195	177	217	222	259	375	403	511	459	489	488	359	308	292	352	309	330	398	475	479	9813
	Static Information Storage and																							

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
365	Retrieval	4007	495	368	628	1016	922	1009	1140	1515	1761	1929	1981	1970	1956	2009	2018	2177	2296	2339	2386	2738	2764	39424
366	Agitating	2352	136	113	143	193	175	225	160	213	214	204	243	191	205	180	164	147	157	182	125	163	185	6070
367	Communications, Electrical: Acoustic Wave Systems and Devices	2497	265	264	225	207	189	228	173	222	166	193	150	134	134	143	147	143	180	241	217	276	240	6634
368	Horology: Time Measuring Systems or Devices	2206	136	109	139	135	100	114	117	145	140	132	183	158	168	167	125	175	152	198	151	192	159	5301
369	Dynamic Information Storage or Retrieval	2881	414	539	599	555	641	720	722	926	790	793	833	868	933	941	738	1200	1170	1151	1060	1309	1411	21194
370	Multiplex Communications	3402	362	425	526	744	872	1041	911	1233	1520	1832	1942	2241	2576	2924	2745	3823	3185	4531	5305	7415	7720	57275
372	Coherent Light Generators	2988	435	419	447	560	412	351	353	504	466	473	454	442	702	864	612	591	413	491	577	731	548	13833
373	Industrial Electric Heating Furnaces	811	21	35	58	45	51	55	27	36	72	56	36	42	30	29	14	24	13	11	3	10	7	1486
374	Thermal Measuring and Testing	1433	126	152	137	125	59	62	127	193	98	176	138	138	150	145	160	176	100	164	217	221	186	4483
375	Pulse or Digital Communications	2962	439	476	519	610	718	857	869	1243	1248	1346	1357	1462	1572	1679	1570	2398	2131	2290	2280	3024	3073	34123
376	Induced Nuclear Reactions: Processes, Systems, and Elements	2999	246	297	299	294	185	171	137	185	156	82	115	110	110	94	83	36	28	40	61	70	90	5888
377	Electrical Pulse Counters, Pulse Dividers, or Shift Registers: Circuits and Systems	1200	88	89	75	74	80	53	45	53	52	66	45	65	31	40	54	31	27	38	41	50	55	2352
378	X-Ray or Gamma Ray Systems or Devices	2669	323	285	258	218	279	313	276	316	269	379	534	600	451	429	467	633	565	610	698	745	611	11928
379	Telephonic Communications	4017	351	330	358	496	648	739	621	1048	1108	921	970	998	1058	1301	935	1257	905	706	788	941	1121	21617
380	Cryptography	813	116	113	140	135	137	141	171	235	158	236	206	168	98	168	224	369	411	374	490	582	616	6101
381	Electrical Audio Signal Processing Systems and Devices	2134	186	182	223	206	257	287	331	510	326	363	278	321	400	493	369	625	518	465	492	675	1060	10701
382	Image Analysis	1960	475	439	429	419	407	550	657	1325	1355	1245	1416	1243	1630	1788	1364	2305	2163	2430	2626	3370	3744	33340
383	Flexible Bags	773	101	76	80	85	65	68	61	89	117	134	133	100	81	67	82	68	61	46	55	64	68	2474
384	Bearings	2798	246	221	215	208	227	258	196	258	266	268	311	305	299	266	240	256	214	210	225	262	268	8017
385	Optical Waveguides	3821	684	646	613	578	563	573	675	863	838	867	1322	1616	1900	2007	1917	1979	1816	1621	1315	1266	833	28313
386	Motion Video Signal Processing for Recording or Reproducing	1685	147	180	183	160	179	277	225	334	338	310	334	375	349	361	265	397	479	487	492	585	601	8743
388	Electricity: Motor Control Systems	501	23	13	15	24	22	21	19	18	25	21	11	15	9	14	5	13	10	14	11	18	12	834
392	Electric Resistance Heating Devices	760	62	71	76	79	71	55	66	91	117	131	129	108	80	87	119	125	99	58	63	94	111	2652
396	Photography	5795	478	450	487	531	483	694	752	967	728	673	522	571	475	440	218	228	188	364	612	748	590	16994
398	Optical Communications	834	151	137	120	225	214	261	200	298	338	292	341	407	441	393	306	616	650	598	635	712	764	8933
399	Electrophotography	4230	634	660	685	682	634	900	727	1064	1080	956	931	942	924	972	895	1175	1246	1301	1301	1752	1879	25570
400	Typewriting Machines	2937	317	295	240	208	238	256	222	321	329	307	243	263	268	288	263	262	212	153	124	143	141	8030
401	Coating Implements with Material Supply	1067	182	110	102	118	87	75	67	122	263	225	296	239	199	202	182	195	173	162	128	163	154	4511
402	Binder Device Releasably Engaging Aperture or Notch of Sheet	271	41	29	30	29	29	25	38	51	47	52	47	36	33	31	22	16	16	16	20	39	16	934
403	Joints and Connections	2595	231	222	183	159	170	223	253	271	199	242	296	295	271	243	162	142	101	132	111	132	120	6753
404	Road Structure, Process, or Apparatus	1145	137	107	145	128	137	138	103	108	147	141	117	152	149	155	126	175	149	140	143	160	166	4068
405	Hydraulic and Earth Engineering	4113	390	333	384	286	269	364	267	387	350	285	287	341	331	301	249	330	208	243	228	287	284	10517
406	Conveyors: Fluid Current	913	69	57	58	25	22	51	35	43	31	49	65	68	48	30	21	33	28	27	30	30	28	1761

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
407	Cutters, for Shaping	538	76	61	70	39	26	40	49	77	83	84	72	39	77	81	63	73	58	65	77	58	83	1889
408	Cutting by Use of Rotating Axially Moving Tool	1314	141	125	111	129	105	83	101	150	170	95	130	86	104	60	81	121	105	82	89	81	86	3549
409	Gear Cutting, Milling, or Planing	1066	97	88	82	87	71	66	91	108	117	115	91	106	97	87	86	97	121	82	63	51	69	2938
410	Freight Accommodation On Freight Carrier	560	62	42	29	39	52	47	38	61	71	97	89	80	95	103	80	98	78	83	72	93	97	2066
411	Expanded, Threaded, Driven, Headed, Tool-Deformed, or Locked-Threaded Fastener	1830	188	201	183	165	157	171	185	229	197	202	194	176	155	179	142	158	121	96	79	169	173	5350
412	Bookbinding: Process and Apparatus	154	28	28	22	23	22	16	26	20	25	37	26	26	22	19	13	8	9	13	15	34	22	608
413	Sheet Metal Container Making	168	10	13	8	8	1	6	10	11	16	7	3	7	10	12	8	7	4	6	1	2	4	322
414	Material or Article Handling	5999	538	454	435	453	465	478	412	456	485	575	406	464	435	391	291	301	239	225	245	305	318	14370
415	Rotary Kinetic Fluid Motors or Pumps	2051	144	235	244	219	186	234	167	189	189	275	301	380	384	329	363	396	337	285	299	406	470	8083
416	Fluid Reaction Surfaces (i.e., Impellers)	1761	105	155	192	168	158	168	139	131	160	236	238	287	223	212	189	256	269	237	255	307	491	6337
417	Pumps	4311	417	425	443	387	310	423	354	368	443	676	687	646	627	432	269	356	230	235	246	312	404	13001
418	Rotary Expansible Chamber Devices	1665	163	163	134	154	145	155	110	130	96	283	231	171	168	142	95	123	121	133	147	145	143	4817
419	Powder Metallurgy Processes	800	81	65	34	94	106	90	73	70	102	75	75	69	88	63	40	42	40	44	49	73	49	2222
420	Alloys or Metallic Compositions	1513	145	135	89	101	80	69	57	65	80	58	68	67	59	73	39	18	17	32	38	61	50	2914
422	Chemical Apparatus and Process Disinfecting, Deodorizing, Preserving, or Sterilizing	4287	470	601	592	578	640	554	496	612	678	589	629	626	700	608	508	486	625	620	693	1148	1154	17894
423	Chemistry of Inorganic Compounds	7919	547	567	541	486	426	409	386	428	494	477	496	484	492	439	378	498	369	410	537	801	673	18257
424	Drug, Bio-Affecting and Body Treating Compositions	7756	1145	1206	1280	1268	1368	1610	2507	2954	3199	2788	3198	3255	3088	2203	1763	2236	1957	1868	1827	2843	2899	54218
425	Plastic Article or Earthenware Shaping or Treating: Apparatus	5233	436	430	427	424	361	377	397	474	386	384	460	410	389	430	276	503	501	416	351	465	495	14025
426	Food or Edible Material: Processes, Compositions, and Products	6917	671	655	625	561	584	635	532	620	883	915	866	734	684	582	325	402	322	242	285	440	462	18942
427	Coating Processes	7492	725	749	695	830	781	782	874	967	1057	1090	961	1006	996	942	698	483	580	559	729	1117	1051	25164
428	Stock Material or Miscellaneous Articles	17113	1698	1952	1833	1916	1981	2202	2357	2782	2990	2772	2955	3110	3221	3223	2278	1960	1873	1609	1709	2497	2757	66788
429	Chemistry: Electrical Current Producing Apparatus, Product, and Process	3728	258	282	355	387	444	534	486	496	499	670	791	892	926	941	764	789	766	750	996	1718	1605	19077
430	Radiation Imagery Chemistry: Process, Composition, or Product Thereof	10779	1214	1049	1468	1588	1464	1429	1358	1653	1759	1818	1752	1633	1617	1525	1094	1337	1154	1111	1131	1383	1309	40625
431	Combustion	2222	135	168	159	156	182	166	130	191	256	234	196	171	187	181	169	103	77	57	101	103	109	5453
432	Heating	1869	100	88	80	61	48	53	71	112	136	100	107	88	101	59	48	38	32	41	30	44	42	3348
433	Dentistry	2614	332	309	264	296	211	262	262	443	400	366	455	336	266	240	243	317	257	170	105	212	234	8594
434	Education and Demonstration	1827	145	155	234	192	181	203	172	286	275	288	227	249	270	258	226	184	144	111	105	130	175	6037
435	Chemistry: Molecular Biology and Microbiology	7331	970	1250	1503	1423	1498	2079	2838	4011	3987	3451	3933	3527	3078	2673	2392	3118	2923	2681	2709	3711	3733	64819
436	Chemistry: Analytical and Immunological Testing	2639	232	289	342	290	317	323	319	455	464	365	408	441	445	410	339	316	394	418	428	642	696	10972
438	Semiconductor Device Manufacturing: Process	5474	802	893	1140	1233	1484	1407	1774	2300	3415	4486	5672	5480	5120	5126	4473	4814	4502	4531	4910	6143	5909	81088

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
439	Electrical Connectors	7835	943	987	938	950	935	994	1201	1313	1665	2243	2232	1972	1712	1991	1807	2291	1938	2178	2074	2400	2248	42847
440	Marine Propulsion	1145	149	125	135	138	133	139	119	152	161	211	223	212	205	205	203	191	184	168	140	107	121	4566
441	Buoys, Rafts, and Aquatic Devices	723	63	72	63	94	81	75	82	94	85	94	92	82	90	82	78	101	85	65	51	69	53	2374
442	Fabric (Woven, Knitted, or Nonwoven Textile or Cloth, Etc.)	1614	118	139	174	169	176	167	178	217	222	222	170	116	171	198	105	101	109	127	145	249	199	5086
445	Electric Lamp or Space Discharge Component or Device Manufacturing	569	59	79	70	45	44	74	95	115	132	165	106	106	163	186	177	185	124	95	119	144	165	3017
446	Amusement Devices: Toys	2389	205	206	171	217	174	183	136	257	260	330	285	309	367	281	174	154	137	128	122	182	195	6862
449	Bee Culture	102	8	5	1	5	2	3	7	3	3	3	1	6	7	3	3	4	1	3	4	3	6	183
450	Foundation Garments	167	13	13	9	5	16	9	20	28	42	58	52	54	24	39	39	42	43	43	35	49	48	848
451	Abrading	3094	295	315	308	283	284	351	426	400	530	671	852	791	737	729	738	808	522	321	292	297	320	13364
452	Butchering	1147	98	140	109	113	86	95	65	92	89	114	102	53	67	50	49	95	84	87	89	92	81	2997
453	Coin Handling	219	31	27	18	22	27	29	13	16	24	30	24	16	35	27	10	20	17	14	16	16	4	655
454	Ventilation	1245	120	144	120	134	114	116	134	177	149	171	197	176	176	161	129	114	79	72	99	87	76	3990
455	Telecommunications	2784	291	327	413	464	586	779	642	1200	1545	1876	1820	1773	1780	2172	2281	4073	3510	3131	3371	4311	5578	44707
460	Crop Threshing or Separating	330	23	25	18	23	32	37	18	33	34	30	33	41	31	44	42	38	33	26	34	38	34	997
462	Books, Strips, and Leaves for Manifolding	120	5	18	20	14	12	3	2	2	3	3	5	5	1	1	0	1	1	2	0	0	0	218
463	Amusement Devices: Games	581	59	63	75	82	89	91	129	228	201	238	354	351	455	422	372	315	318	413	379	802	949	6966
464	Rotary Shafts, Gudgeons, Housings, and Flexible Couplings for Rotary Shafts	1190	74	89	93	107	74	95	114	148	105	117	233	135	103	124	94	123	87	103	81	127	134	3550
470	Threaded, Headed Fastener, or Washer Making: Process and Apparatus	161	8	7	13	6	6	7	16	18	15	12	12	10	13	13	8	14	6	16	6	6	9	382
472	Amusement Devices	354	30	33	45	36	44	51	44	69	55	56	45	57	52	56	56	37	30	36	25	80	85	1376
473	Games Using Tangible Projectile	3258	458	468	445	582	617	582	578	795	638	562	597	627	666	610	583	718	640	534	546	734	753	15991
474	Endless Belt Power Transmission Systems or Components	1701	170	135	188	165	156	103	129	149	138	186	137	194	171	130	127	168	128	92	82	177	222	4848
475	Planetary Gear Transmission Systems or Components	1434	164	178	147	138	141	160	173	168	260	213	144	214	311	303	237	311	342	280	297	350	404	6369
476	Friction Gear Transmission Systems or Components	132	18	13	13	12	12	22	16	13	25	38	35	36	36	25	30	32	29	21	15	15	17	605
477	Interrelated Power Delivery Controls, Including Engine Control	1320	210	178	98	83	138	144	181	204	212	202	147	181	216	162	169	158	184	170	183	216	225	4981
482	Exercise Devices	2293	311	299	310	358	326	370	396	451	411	415	371	351	372	364	283	460	349	360	459	650	680	10639
483	Tool Changing	377	26	30	34	33	30	12	28	30	39	36	22	36	22	21	15	27	29	28	21	12	9	917
492	Roll or Roller	316	26	35	26	18	31	22	31	52	38	28	43	46	38	34	27	15	17	12	18	25	29	927
493	Manufacturing Container or Tube From Paper; or Other Manufacturing From a Sheet or Web	1452	147	180	135	97	95	114	89	154	149	171	137	88	151	147	120	103	86	136	93	104	84	4032
494	Imperforate Bowl: Centrifugal Separators	612	31	26	38	48	30	52	37	49	53	50	47	48	57	49	41	54	33	37	29	33	47	1501
501	Compositions: Ceramic	2105	386	323	323	316	235	226	216	211	241	207	228	229	227	195	158	180	149	136	190	211	191	6883
502	Catalyst, Solid Sorbent, or Support Therefor: Product or Process of Making	5292	464	521	447	358	317	313	283	369	389	478	414	437	401	386	366	346	337	283	371	520	396	13488

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
503	Record Receiver Having Plural Interactive Leaves or a Colorless Color Former, Method of Use, or Developer Therefor	938	152	179	182	207	145	121	115	112	125	83	79	56	55	67	49	57	44	40	32	40	54	2932
504	Plant Protecting and Regulating Compositions	3771	264	273	241	201	203	230	265	227	233	229	216	210	169	128	113	86	56	46	56	93	90	7400
505	Superconductor Technology: Apparatus, Material, Process	224	254	275	263	211	155	130	93	87	107	75	62	54	52	42	28	23	20	14	33	52	45	2299
506	Combinatorial Chemistry Technology: Method, Library, Apparatus	3	2	2	4	5	10	34	42	94	94	123	125	151	204	110	78	8	11	26	30	63	63	1282
507	Earth Boring, Well Treating, and Oil Field Chemistry	873	67	64	44	35	35	36	74	64	60	59	65	44	69	83	50	69	75	66	118	181	200	2431
508	Solid Anti-Friction Devices, Materials Therefor, Lubricant or Separant Compositions for Moving Solid Surfaces, and Miscellaneous Mineral Oil Compositions	2156	192	184	201	220	188	196	179	203	183	188	210	156	176	130	70	60	68	76	100	184	196	5516
510	Cleaning Compositions for Solid Surfaces, Auxiliary Compositions Therefor, or Processes of Preparing the Compositions	2712	261	233	236	256	350	370	348	556	618	522	592	618	544	436	310	367	273	274	296	329	373	10874
512	Perfume Compositions	470	27	27	30	35	18	28	19	23	14	30	27	23	27	21	16	30	34	18	22	39	15	993
514	Drug, Bio-Affecting and Body Treating Compositions	23801	2533	2390	2581	2130	2521	2933	3615	3833	3967	3949	4101	4289	3863	2972	2713	3310	3118	2920	3487	4712	4597	94335
516	Colloid Systems and Wetting Agents; Subcombinations Thereof; Processes Of	632	52	88	55	67	47	58	71	67	62	72	72	71	75	35	18	36	37	31	55	93	66	1860
518	Chemistry: Fischer-Tropsch Processes; or Purification or Recovery of Products Thereof	416	15	17	14	8	17	14	8	23	25	38	46	40	52	58	43	61	36	34	20	47	48	1080
521	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	3235	222	302	267	231	213	211	228	268	217	248	241	237	237	190	115	85	85	56	67	130	169	7254
522	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	740	83	82	69	69	102	95	82	122	119	128	123	132	115	102	91	117	97	73	87	131	100	2859
523	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	3206	266	237	280	283	235	262	230	297	375	378	341	305	261	223	158	204	170	183	197	288	303	8682
524	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	9115	828	859	888	910	768	806	725	823	996	874	938	938	914	855	549	581	566	481	553	823	820	25610
525	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	7874	809	895	1057	1077	756	766	661	706	652	714	770	765	696	600	469	510	467	366	365	646	661	22282
526	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	3594	365	398	442	355	367	343	380	412	321	414	652	624	657	560	402	429	331	305	303	459	448	12561
527	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	128	18	15	15	6	6	4	8	13	8	5	4	3	3	2	4	4	0	3	2	11	7	269
528	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	6334	732	796	718	660	552	525	596	646	603	591	637	595	515	506	348	528	369	304	354	532	522	17963
530	Chemistry: Natural Resins or Derivatives; Peptides or Proteins; Lignins or Reaction Products Thereof	2250	286	362	366	303	297	347	548	728	724	557	608	573	540	482	454	751	880	903	748	823	843	14373
534	Organic Compounds -- Part of the Class 532-570 Series	1323	111	92	102	89	82	115	84	110	77	61	53	53	40	39	31	55	28	30	22	28	26	2651
536	Organic Compounds -- Part of the Class 532-570 Series	1909	223	231	217	196	342	383	498	656	583	466	555	562	536	452	403	556	480	525	552	718	744	11787
540	Organic Compounds -- Part of the Class	2790	137	139	174	134	158	198	187	168	157	126	131	136	91	70	70	117	71	91	94	106	103	5448

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
	532-570 Series																							
544	Organic Compounds -- Part of the Class 532-570 Series	3147	198	218	226	173	197	203	208	241	229	210	220	247	187	159	153	256	193	158	198	265	276	7562
546	Organic Compounds -- Part of the Class 532-570 Series	2991	188	219	247	224	233	218	269	214	257	236	231	265	256	192	207	271	233	292	381	369	455	8448
548	Organic Compounds -- Part of the Class 532-570 Series	3661	271	283	315	282	289	308	267	271	321	282	272	293	231	161	167	232	217	242	294	355	380	9394
549	Organic Compounds -- Part of the Class 532-570 Series	3690	249	279	319	264	237	234	274	244	280	284	244	328	230	222	170	196	155	168	206	221	214	8708
552	Organic Compounds -- Part of the Class 532-570 Series	897	42	59	40	37	46	49	40	40	47	34	39	53	29	27	22	22	17	11	9	14	28	1602
554	Organic Compounds -- Part of the Class 532-570 Series	940	46	68	79	74	89	63	49	75	98	71	110	113	70	64	56	60	35	30	91	65	67	2413
556	Organic Compounds -- Part of the Class 532-570 Series	1674	237	228	226	184	158	190	179	150	212	194	218	201	141	126	103	152	139	119	108	144	138	5221
558	Organic Compounds -- Part of the Class 532-570 Series	2309	128	161	175	121	136	129	128	148	135	134	130	137	111	93	62	81	62	68	87	84	71	4690
560	Organic Compounds -- Part of the Class 532-570 Series	3602	221	249	302	217	181	171	194	223	190	191	203	261	201	165	142	173	150	174	134	143	138	7625
562	Organic Compounds -- Part of the Class 532-570 Series	2889	196	210	242	195	166	149	156	215	206	196	189	231	202	169	133	179	165	220	172	169	165	6814
564	Organic Compounds -- Part of the Class 532-570 Series	2459	239	206	188	182	181	144	195	215	203	214	202	243	169	159	148	187	206	230	190	197	208	6565
568	Organic Compounds -- Part of the Class 532-570 Series	4987	358	354	344	321	307	209	233	378	308	276	390	392	293	251	223	287	241	234	201	293	232	11112
570	Organic Compounds -- Part of the Class 532-570 Series	720	74	90	81	81	87	68	71	113	80	79	99	69	40	44	41	63	52	41	32	54	84	2163
585	Chemistry of Hydrocarbon Compounds	2901	318	238	295	253	231	204	172	245	269	231	224	250	170	159	149	163	224	243	231	249	299	7718
588	Hazardous or Toxic Waste Destruction or Containment	624	17	31	49	71	91	109	81	86	71	60	50	60	45	15	20	27	22	20	28	42	41	1660
600	Surgery	6032	816	828	942	1093	1091	1011	1050	1641	1549	1777	1768	1939	2123	1581	1205	1328	1219	1105	1308	2144	2293	35843
601	Surgery: Kinesitherapy	944	129	124	102	78	103	91	84	141	92	101	153	118	122	105	87	122	125	111	92	118	154	3296
602	Surgery: Splint, Brace, or Bandage	1181	169	125	111	133	187	134	139	235	212	225	185	153	185	149	159	176	132	115	149	226	259	4739
604	Surgery	6315	839	967	982	1288	1191	1090	1095	1484	1353	1191	1252	1263	1718	1154	873	855	738	750	908	1722	1840	30868
606	Surgery	3238	537	613	666	836	881	923	1228	1466	1583	1602	1434	1245	1625	1128	904	1071	986	768	1012	1875	2214	27835
607	Surgery: Light, Thermal, and Electrical Application	1749	211	225	252	341	354	330	321	524	458	517	569	579	609	532	512	699	703	475	609	974	1152	12695
623	Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor	1876	242	304	217	282	233	348	347	452	512	609	724	708	773	721	523	635	541	453	614	927	1159	13200
700	Data Processing: Generic Control Systems or Specific Applications	2716	339	320	390	452	376	464	353	664	540	470	668	850	1024	1132	1003	1306	975	904	853	1271	1368	18438
701	Data Processing: Vehicles, Navigation, and Relative Location	2031	390	288	294	328	413	427	330	508	681	826	1250	1272	1192	1215	1167	1084	1131	1152	1215	1795	2116	21105
702	Data Processing: Measuring, Calibrating, or Testing	1918	237	182	224	287	218	368	349	522	512	522	574	957	1291	1514	1491	1710	1516	1409	1302	1543	1657	20303
703	Data Processing: Structural Design, Modeling, Simulation, and Emulation	244	64	52	56	91	113	156	229	304	304	292	277	184	170	268	378	647	483	511	563	678	720	6784
	Data Processing: Speech Signal																							

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
704	Processing, Linguistics, Language Translation, and Audio Compression/Decompression	1057	160	160	187	187	159	211	366	614	631	534	612	574	427	531	426	857	770	805	765	969	1084	12086
705	Data Processing: Financial, Business Practice, Management, or Cost/Price Determination	726	96	89	163	171	119	155	249	489	720	735	485	458	444	323	776	1277	1177	1693	1997	4056	4062	20460
706	Data Processing: Artificial Intelligence	160	62	120	171	153	182	163	203	308	129	131	155	169	251	159	207	247	206	349	473	639	760	5397
707	Data Processing: Database and File Management or Data Structures	278	54	84	143	170	237	341	395	900	977	849	933	1247	1330	1404	1161	1785	1684	1903	2810	4452	4245	27382
708	Electrical Computers: Arithmetic Processing and Calculating	2370	244	249	302	275	236	277	263	387	405	297	292	256	257	288	231	363	237	305	283	314	315	8446
709	Electrical Computers and Digital Processing Systems: Multicomputer Data Transferring	302	56	83	113	129	163	334	309	956	1018	1161	1155	1246	1173	1586	1592	2430	2358	2682	3293	4647	4877	31663
710	Electrical Computers and Digital Data Processing Systems: Input/Output	1472	163	219	290	337	359	583	641	1010	1062	1012	908	865	980	1263	955	1146	813	915	1093	1425	1296	18807
711	Electrical Computers and Digital Processing Systems: Memory	1399	137	219	258	359	409	570	580	864	851	897	1011	1182	1265	1321	1293	1736	1474	1738	1606	1755	2052	22976
712	Electrical Computers and Digital Processing Systems: Processing Architectures and Instruction Processing (e.g., Processors)	966	114	162	150	181	258	358	402	668	668	491	503	373	311	371	336	375	352	425	408	534	523	8929
713	Electrical Computers and Digital Processing Systems: Support	453	74	95	142	174	241	286	340	587	582	532	607	567	679	828	981	1647	1645	1855	1871	2247	2183	18616
714	Error Detection/Correction and Fault Detection/Recovery	2711	284	361	378	492	664	759	708	1071	1043	986	984	963	1275	1271	1182	1782	1891	1955	2097	2385	2379	27621
715	Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing	461	80	127	147	212	266	374	429	698	712	678	685	646	647	626	739	1038	1020	1028	1344	1722	1532	15211
716	Computer-Aided Design and Analysis of Circuits and Semiconductor Masks	127	27	37	64	72	111	165	160	241	230	207	365	489	725	567	514	844	733	826	791	949	1054	9298
717	Data Processing: Software Development, Installation, and Management	88	16	34	54	97	122	130	133	318	415	380	514	341	349	421	481	763	719	714	830	1314	1103	9336
718	Electrical Computers and Digital Processing Systems: Virtual Machine Task or Process Management or Task Management/Control	158	21	37	46	83	88	57	80	106	98	102	123	114	119	179	181	256	188	220	261	411	399	3327
719	Electrical Computers and Digital Processing Systems: Interprogram Communication or Interprocess Communication (Ipc)	18	6	11	18	33	52	58	56	108	90	93	162	150	123	248	234	289	179	333	361	392	394	3408
720	Dynamic Optical Information Storage or Retrieval	291	65	81	62	47	41	86	77	133	152	100	164	185	171	200	221	270	233	257	198	167	197	3398
725	Interactive Video Distribution Systems	303	37	38	47	66	73	165	154	256	241	175	204	166	207	227	171	354	261	233	494	723	851	5446
726	Information Security	53	10	13	15	23	20	43	56	113	190	219	207	140	137	224	229	508	615	710	984	1370	1543	7422
800	Multicellular Living Organisms and Unmodified Parts Thereof and Related Processes	108	26	41	33	90	86	235	266	453	579	547	571	464	447	535	459	687	802	685	841	988	1037	9980
850	Scanning-Probe Techniques or Apparatus; Applications of Scanning-Probe Techniques, e.g., Scanning Probe Microscopy [Spm]	106	51	47	32	35	34	27	25	32	27	26	31	35	73	85	81	4	1	1	12	36	47	848

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
D01	Edible Products	184	58	79	50	35	35	54	43	47	47	61	60	39	38	121	85	122	53	62	145	87	104	1609
D02	Apparel and Haberdashery	1998	272	344	447	426	316	343	499	706	587	494	489	486	528	583	489	889	969	1122	914	926	926	14753
D03	Travel Goods and Personal Belongings	2082	330	284	340	341	347	362	376	447	494	488	535	509	488	465	427	637	650	625	603	689	598	12117
D04	Brushware	506	74	74	111	87	138	120	99	127	113	161	175	247	184	122	146	179	137	213	157	135	135	3440
D05	Textile or Paper Yard Goods; Sheet Material	230	23	9	13	7	30	22	33	45	45	80	72	46	39	68	86	88	75	68	61	94	152	1386
D06	Furnishings	7535	834	873	1242	1015	1313	1341	1113	1473	1480	1714	1830	1588	1573	1540	1178	1627	2107	1919	1750	1533	1321	37899
D07	Equipment for Preparing or Serving Food or Drink Not Elsewhere Specified	4376	424	447	608	601	560	730	577	745	767	967	1012	791	990	894	725	1145	1416	1451	1180	1374	1156	22936
D08	Tools and Hardware	4448	609	695	740	747	756	755	748	1012	990	1236	993	944	1117	1047	793	1399	1568	1673	1274	1125	1180	25849
D09	Packages and Containers for Goods	3502	516	402	463	491	506	470	528	648	687	860	856	709	890	663	709	1109	1389	1350	1421	1392	1313	20874
D10	Measuring, Testing, or Signalling Instruments	3040	573	475	508	582	689	467	517	693	652	641	701	605	492	524	492	674	747	926	727	666	552	15943
D11	Jewelry, Symbolic Insignia, and Ornaments	2109	246	218	308	286	380	333	376	411	338	348	431	381	372	372	333	461	467	536	478	498	514	10196
D12	Transportation	4269	558	539	664	661	593	680	799	1023	939	1189	1067	1062	1080	1275	953	1440	1483	1619	1736	1670	1391	26690
D13	Equipment for Production, Distribution, or Transformation of Energy	1456	330	319	268	300	303	285	281	443	593	625	551	634	674	535	574	997	1075	1337	1329	1198	1141	15248
D14	Recording, Communication, or Information Retrieval Equipment	5021	792	658	867	947	1002	1002	984	1245	1315	1564	1364	1419	1709	1711	1268	2376	2794	3324	3083	2698	2458	39601
D15	Machines Not Elsewhere Specified	2063	143	266	283	221	303	239	220	318	314	402	387	410	400	416	324	610	659	590	564	618	608	10358
D16	Photography and Optical Equipment	1170	167	186	176	213	203	262	241	392	344	434	350	278	407	303	293	393	692	577	452	419	449	8401
D17	Musical Instruments	459	81	46	41	65	39	33	39	55	61	33	43	42	49	36	46	64	60	104	61	56	46	1559
D18	Printing and Office Machinery	1672	280	180	208	185	208	214	203	199	199	272	276	205	227	187	154	445	408	288	264	244	244	6762
D19	Office Supplies; Artists' and Teachers' Materials	1502	246	268	282	220	288	177	226	308	340	374	381	333	345	392	328	341	448	586	402	354	372	8513
D20	Sales and Advertising Equipment	575	104	76	106	125	103	73	137	160	121	171	135	91	163	121	110	115	127	121	144	153	166	3197
D21	Games, Toys, and Sports Goods	5750	761	700	671	860	878	729	743	1017	921	1025	881	746	782	695	600	993	976	1073	884	784	897	23366
D22	Arms, Pyrotechnics, Hunting and Fishing Equipment	1193	88	146	129	159	165	188	131	165	180	174	154	160	180	148	145	191	179	176	221	259	282	4813
D23	Environmental Heating and Cooling; Fluid Handling and Sanitary Equipment	3502	593	523	440	563	562	530	548	784	819	988	906	966	919	832	790	1557	1342	1446	1266	1318	1086	22280
D24	Medical and Laboratory Equipment	3239	367	424	432	480	512	484	454	523	575	673	760	598	699	571	352	553	963	1041	1037	1331	1186	17254
D25	Building Units and Construction Elements	1582	149	147	236	249	258	255	292	306	340	376	380	406	350	344	310	305	427	458	434	489	325	8418
D26	Lighting	1786	306	281	259	356	375	464	430	531	543	805	920	706	772	672	490	859	1163	1322	1179	1221	1284	16724
D27	Tobacco and Smokers' Supplies	394	25	8	17	31	31	38	38	79	87	60	76	86	62	72	59	106	117	74	65	80	53	1658
D28	Cosmetic Products and Toilet Articles	1426	147	103	127	199	147	152	159	197	211	388	334	255	274	256	188	294	320	330	287	326	351	6471
D29	Equipment for Safety, Protection, and Rescue	369	46	50	66	76	93	90	77	68	86	85	82	105	71	97	62	124	149	155	149	109	143	2352
D30	Animal Husbandry	685	89	94	125	130	123	128	126	105	108	185	120	113	123	108	131	167	193	214	174	274	243	3758
D32	Washing, Cleaning, or Drying Machine	1061	174	110	130	187	191	176	194	211	193	287	260	256	286	252	171	404	501	473	379	394	355	6645
D34	Material or Article Handling Equipment	909	140	201	217	205	196	171	129	215	190	183	200	194	208	170	94	254	377	278	268	222	275	5296
D99	Miscellaneous	300	24	44	59	46	70	44	55	69	61	73	97	48	88	104	50	54	38	49	35	78	69	1555

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
PLT	Plants	3398	353	321	442	499	387	362	394	561	421	548	584	1133	994	1016	716	1149	1047	1240	1009	981	823	18378
ALL	ALL CLASSES	1058586	106840	107511	109890	113704	113955	121805	124147	163204	169145	176083	184046	184424	187048	181319	157741	196437	182928	185244	191933	244358	247728	4508076

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 - 12/31/2011*

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
001	** Classification Undetermined **	9	0	0	0	0	1	0	0	0	0	1	0	1	1	0	0	2	1	3	7	3	1	30
002	Apparel	3837	572	484	380	425	474	570	602	723	806	749	703	655	494	565	493	531	376	317	299	559	610	15224
004	Baths, Closets, Sinks, and Spittoons	3536	409	341	389	419	338	312	331	418	538	454	479	514	433	406	322	310	268	216	180	305	356	11274
005	Beds	3903	467	468	400	394	412	488	446	504	483	522	502	470	492	522	502	484	346	416	396	531	477	13625
007	Compound Tools	550	68	49	73	64	53	62	62	72	84	96	101	72	76	89	73	85	71	50	33	45	47	1975
008	Bleaching and Dyeing; Fluid Treatment and Chemical Modification of Textiles and Fibers	4953	387	310	352	325	337	377	275	394	457	381	334	311	387	321	219	298	303	263	236	327	353	11900
012	Boot and Shoe Making	494	19	17	24	21	17	15	24	29	33	20	22	19	23	19	23	23	14	21	12	33	33	955
014	Bridges	574	56	48	37	47	64	59	58	59	61	65	45	73	62	73	55	65	53	46	55	56	75	1786
015	Brushing, Scrubbing, and General Cleaning	7020	720	636	621	716	688	687	644	878	986	983	892	779	829	693	546	540	596	565	570	816	797	22202
016	Miscellaneous Hardware (e.g., Bushing, Carpet Fastener, Caster, Door Closer, Panel Hanger, Attachable or Adjunct Handle, Hinge, Window Sash Balance, Etc.)	3634	338	284	326	301	327	398	339	450	427	436	411	516	494	427	389	413	351	338	384	466	469	11918
019	Textiles: Fiber Preparation	1223	151	89	72	93	99	84	77	72	72	87	109	69	53	36	27	39	27	39	41	50	35	2644
023	Chemistry: Physical Processes	705	45	62	37	52	38	34	28	38	31	38	33	32	30	17	25	18	17	15	29	34	35	1393
024	Buckles, Buttons, Clasps, Etc.	5946	547	496	468	522	483	519	580	599	589	563	600	652	610	459	352	451	410	421	377	491	475	16610
026	Textiles: Cloth Finishing	550	37	37	25	21	42	36	29	35	39	30	24	22	24	16	13	9	14	7	7	12	8	1037
027	Undertaking	147	15	16	16	17	23	19	37	33	30	30	32	18	32	19	14	15	42	35	24	26	34	674
028	Textiles: Manufacturing	1526	91	112	90	118	120	81	94	106	99	131	95	86	83	94	54	65	68	52	44	56	47	3312
029	Metal Working	21232	2011	1944	1969	1878	1700	1757	1823	2171	2152	2363	2524	2544	2646	2522	2199	2514	2109	1752	1837	2366	2566	66579
030	Cutlery	4390	505	382	337	362	358	374	362	438	475	471	431	409	432	392	332	338	298	228	248	305	348	12215
033	Geometrical Instruments	6227	565	536	429	418	481	433	363	449	408	493	514	595	577	546	534	531	520	517	500	513	476	16625
034	Drying and Gas or Vapor Contact with Solids	4156	301	333	356	319	292	357	326	361	424	467	356	361	285	299	264	286	173	208	128	187	249	10488
036	Boots, Shoes, and Leggings	2316	183	157	183	203	225	197	236	344	352	307	283	266	247	272	235	257	203	242	224	328	292	7552
037	Excavating	1864	145	147	129	94	134	152	129	166	186	212	182	208	169	167	161	153	101	79	160	242	160	5140
038	Textiles: Ironing or Smoothing	507	54	42	26	50	43	48	54	48	55	55	41	46	38	47	30	46	41	32	32	39	32	1406
040	Card, Picture, or Sign Exhibiting	4501	464	371	404	445	456	421	434	506	556	612	561	573	570	502	389	352	380	351	330	411	411	14000
042	Firearms	1665	191	127	135	163	178	159	186	203	183	124	213	241	252	207	159	162	175	187	189	297	311	5707

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
043	Fishing, Trapping, and Vermin Destroying	3423	291	314	326	331	251	317	219	236	411	356	289	309	351	274	233	215	184	174	172	253	197	9126
044	Fuel and Related Compositions	2427	139	123	136	143	129	147	107	132	152	169	146	115	143	108	76	53	83	89	109	138	165	5029
047	Plant Husbandry	2492	244	241	225	273	272	345	296	469	325	351	305	306	283	186	160	157	124	98	141	227	207	7727
048	Gas: Heating and Illuminating	1944	52	49	56	48	69	46	61	67	71	57	57	40	46	72	64	88	112	111	146	164	167	3587
049	Movable or Removable Closures	4092	390	316	315	334	344	395	337	378	439	495	430	425	392	377	362	380	257	230	264	357	282	11591
051	Abrasive Tool Making Process, Material, or Composition	886	96	133	136	122	100	124	153	96	126	104	145	159	145	139	106	91	102	90	80	100	175	3408
052	Static Structures (e.g., Buildings)	13480	1098	985	1009	1046	1007	1203	1201	1467	1416	1471	1598	1488	1297	1202	1025	902	733	670	921	1546	1369	38134
053	Package Making	5922	568	498	468	421	564	549	598	763	608	641	574	543	620	594	508	469	368	509	419	450	439	17093
054	Harness for Working Animal	229	30	36	22	26	24	18	17	36	23	42	32	46	50	40	24	38	38	31	30	15	15	862
055	Gas Separation	4557	356	438	395	285	318	330	354	451	441	421	464	449	467	478	376	385	381	453	496	596	665	13556
056	Harvesters	3506	283	244	226	226	263	218	167	280	308	299	247	273	257	246	246	221	171	210	210	283	249	8633
057	Textiles: Spinning, Twisting, and Twining	3166	139	198	173	213	188	178	177	214	158	153	175	134	104	118	79	95	68	79	60	73	72	6014
059	Chain, Staple, and Horseshoe Making	465	28	29	32	39	32	17	33	38	37	36	53	44	39	34	47	53	37	46	42	33	42	1256
060	Power Plants	11296	802	950	917	921	888	781	757	1019	997	1032	1331	1298	1226	1256	1269	1432	1058	1021	1234	1567	1711	34763
062	Refrigeration	8663	779	789	914	887	855	864	870	1030	1141	1154	1292	1347	1293	1073	891	1025	1017	783	666	984	1012	29329
063	Jewelry	504	54	64	56	46	58	62	75	69	53	67	63	82	79	62	40	69	54	53	36	47	49	1742
065	Glass Manufacturing	4554	311	343	277	263	174	203	298	343	357	277	324	313	346	342	226	257	184	172	171	258	307	10300
066	Textiles: Knitting	1465	111	96	100	105	111	123	88	101	106	167	152	82	88	89	99	95	76	64	83	87	78	3566
068	Textiles: Fluid Treating Apparatus	1592	115	102	144	124	132	136	127	193	200	152	114	143	147	82	74	78	109	140	159	170	213	4446
069	Leather Manufactures	152	10	3	2	3	5	5	4	6	4	2	2	2	2	5	7	0	2	2	5	5	5	233
070	Locks	3539	352	280	303	270	311	319	343	462	457	391	323	427	420	333	328	328	277	285	250	259	307	10564
071	Chemistry: Fertilizers	1139	68	94	73	78	93	75	100	89	87	64	97	112	70	60	46	37	32	33	40	77	80	2644
072	Metal Deforming	7604	589	512	483	478	406	497	541	665	685	626	649	538	534	506	412	615	503	417	376	404	437	18477
073	Measuring and Testing	23250	2057	1934	1931	2117	2050	2219	2018	2459	2356	2305	2492	2636	3065	2764	2765	2934	2750	2761	2558	3043	3018	75482
074	Machine Element or Mechanism	13022	1061	1049	1094	867	816	1000	910	1198	1191	1172	1153	1126	989	894	773	831	755	675	732	918	890	33116
075	Specialized Metallurgical Processes, Compositions for Use Therein, Consolidated Metal Powder Compositions, and Loose Metal Particulate Mixtures	4853	350	341	339	364	367	261	247	319	375	322	381	393	319	263	192	162	181	181	265	343	282	11100
076	Metal Tools and Implements, Making	908	82	83	69	58	68	56	66	61	76	71	58	52	64	42	28	41	37	31	37	39	39	2066
079	Button Making	6	0	0	1	2	0	0	0	0	1	1	0	3	1	1	1	2	0	0	2	1	0	22
081	Tools	3349	345	301	307	305	250	310	263	325	410	494	545	423	351	369	420	524	417	281	196	273	307	10765
082	Turning	1642	144	129	119	98	68	89	101	127	124	112	122	91	167	95	72	85	82	66	75	93	91	3792
083	Cutting	6747	566	563	504	469	424	373	376	523	576	562	498	394	481	526	376	472	349	265	270	373	389	16076
084	Music	3644	291	297	354	348	398	393	344	428	506	444	410	360	328	322	290	379	434	472	526	619	510	12097
086	Ammunition and Explosive-Charge Making	371	27	33	26	32	30	17	25	34	21	20	24	32	29	17	25	23	20	22	29	40	29	926
087	Textiles: Braiding, Netting, and Lace Making	205	24	13	17	24	17	15	15	23	26	13	13	16	12	9	3	15	15	7	5	12	10	509

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
089	Ordnance	2444	224	234	198	193	195	140	192	198	183	129	210	203	203	205	180	168	183	217	252	328	385	6864
091	Motors: Expansible Chamber Type	4525	288	316	299	253	214	230	194	253	239	210	219	224	198	206	151	159	173	124	105	105	115	8800
092	Expansible Chamber Devices	3837	356	272	290	226	234	224	220	287	291	246	310	314	280	234	206	214	216	173	135	161	163	8889
095	Gas Separation: Processes	2970	281	358	320	243	270	288	302	362	383	368	394	403	448	347	288	307	299	374	373	537	588	10503
096	Gas Separation: Apparatus	3992	355	386	325	264	240	298	329	394	432	416	424	467	464	431	343	346	374	438	443	575	577	12313
099	Foods and Beverages: Apparatus	4510	400	391	427	451	493	465	489	530	608	567	561	452	441	404	317	366	274	294	247	372	354	13413
100	Presses	3506	275	309	272	266	253	224	228	286	224	210	203	188	226	207	164	210	151	190	134	123	120	7969
101	Printing	5848	477	487	463	472	477	478	497	724	609	587	544	610	718	804	489	491	300	286	248	304	304	16217
102	Ammunition and Explosives	3302	358	276	279	259	268	221	227	241	208	187	312	279	301	216	201	201	171	197	193	252	275	8424
104	Railways	2094	154	173	150	123	152	143	160	128	107	120	144	172	153	115	82	84	78	96	108	142	124	4802
105	Railway Rolling Stock	2015	130	126	120	113	124	122	123	134	95	110	152	137	117	79	93	83	72	77	72	114	112	4320
106	Compositions: Coating or Plastic	9098	728	772	791	916	796	782	779	1024	1005	889	911	977	1011	944	634	694	716	644	613	967	940	26631
108	Horizontally Supported Planar Surfaces	2730	211	247	198	279	281	296	299	342	330	375	306	306	289	276	211	214	166	155	173	231	234	8149
109	Safes, Bank Protection, or a Related Device	586	45	30	36	35	39	27	41	53	44	30	25	37	31	27	26	27	26	28	27	39	36	1295
110	Furnaces	3150	253	224	268	264	185	209	199	243	181	179	190	147	98	120	111	79	56	65	79	118	103	6521
111	Planting	869	51	51	40	57	61	74	64	60	87	82	99	67	82	74	66	69	65	71	72	87	74	2322
112	Sewing	3241	241	195	198	161	184	226	201	236	214	185	179	109	89	132	112	112	89	94	80	85	115	6478
114	Ships	4842	435	370	377	379	368	374	357	388	412	487	456	407	439	394	431	449	389	352	295	316	362	13079
116	Signals and Indicators	2650	233	175	201	205	182	192	195	206	224	208	215	211	196	192	153	180	137	152	169	179	190	6645
117	Single-Crystal, Oriented-Crystal, and Epitaxy Growth Processes; Non-Coating Apparatus Therefor	1665	151	203	219	236	278	222	212	280	317	324	274	270	283	269	240	246	293	296	235	280	230	7023
118	Coating Apparatus	6721	654	665	692	677	665	709	722	868	962	1200	1211	1127	1063	935	755	659	525	570	589	846	874	23689
119	Animal Husbandry	3081	391	399	341	355	313	348	362	554	501	469	447	540	532	396	407	442	381	285	308	404	456	11712
122	Liquid Heaters and Vaporizers	2627	155	134	145	185	123	128	107	164	154	143	143	123	118	102	97	82	63	82	80	99	90	5144
123	Internal-Combustion Engines	17256	1526	1472	1400	1136	1124	1352	1381	1629	1622	1810	2246	2247	2240	2241	2114	2316	2042	1889	1505	1876	1790	54214
124	Mechanical Guns and Projectors	1200	116	125	127	128	148	136	160	137	135	124	108	118	161	179	110	109	122	115	113	190	176	4037
125	Stone Working	652	56	56	49	38	42	45	54	66	64	101	98	97	83	73	79	88	52	48	34	48	53	1976
126	Stoves and Furnaces	7759	335	306	340	350	331	331	305	391	513	466	386	323	329	319	298	214	157	135	161	295	320	14364
127	Sugar, Starch, and Carbohydrates	710	54	55	44	51	54	50	40	56	74	39	44	59	34	34	26	25	18	11	16	27	40	1561
128	Surgery	5635	760	686	741	866	873	938	954	1213	1059	1139	1035	1091	1247	1062	879	1020	837	673	647	959	1047	25361
131	Tobacco	2372	183	185	118	108	111	116	116	163	107	123	79	85	88	109	56	45	65	41	55	114	106	4545
132	Toilet	1677	205	177	154	208	152	206	219	313	405	306	258	218	211	147	109	160	186	135	122	161	210	5939
134	Cleaning and Liquid Contact with Solids	4629	550	534	530	570	613	615	610	781	922	816	850	895	920	712	563	533	495	476	500	652	724	18490
135	Tent, Canopy, Umbrella, or Cane	1144	129	119	151	181	149	171	179	198	181	196	251	204	168	189	149	143	161	140	162	180	192	4737
136	Batteries: Thermoelectric and Photoelectric	2724	172	166	164	154	176	170	134	139	177	235	275	254	223	177	116	107	126	116	161	336	517	6819
137	Fluid Handling	16478	1268	1268	1242	1242	1067	1034	1006	1305	1465	1489	1607	1243	1200	1159	1173	1168	866	754	745	1014	928	40721
138	Pipes and Tubular Conduits	4939	338	257	268	319	335	286	278	361	458	467	423	378	362	326	296	283	201	194	253	279	276	11577

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139	Textiles: Weaving	2158	177	189	165	173	177	146	137	155	136	179	188	127	64	109	112	129	68	71	92	93	77	4922
140	Wireworking	996	50	64	48	49	53	60	62	65	69	53	50	36	49	37	35	54	41	36	18	21	27	1973
141	Fluent Material Handling, with Receiver or Receiver Coacting Means	3763	332	332	348	381	344	370	319	407	487	442	478	452	424	485	391	377	318	225	232	349	286	11542
142	Wood Turning	65	8	6	5	4	4	5	6	4	10	8	4	0	5	2	0	3	2	0	2	1	2	146
144	Woodworking	2406	200	204	140	167	157	132	154	177	230	199	188	174	187	152	121	170	125	111	103	155	169	5821
147	Coopering	7	0	0	0	0	2	0	2	1	0	0	4	2	0	0	1	0	0	0	0	2	3	24
148	Metal Treatment	7704	858	937	969	935	924	791	737	777	777	704	770	752	757	601	387	348	302	334	379	531	475	21749
149	Explosive and Thermic Compositions or Charges	1284	104	54	60	45	101	123	78	87	61	101	99	68	97	59	78	35	7	17	20	53	94	2725
150	Purses, Wallets, and Protective Covers	453	80	67	66	65	63	66	71	96	100	97	99	81	72	59	49	54	46	43	43	60	44	1874
152	Resilient Tires and Wheels	2174	164	164	210	229	189	155	167	196	196	253	262	318	310	236	217	250	216	180	174	200	244	6704
156	Adhesive Bonding and Miscellaneous Chemical Manufacture	17204	1364	1410	1472	1464	1490	1435	1596	1912	1991	1912	1901	1807	2048	1868	1465	1319	1173	1043	965	1515	1870	50224
157	Wheelwright Machines	258	20	18	23	15	8	9	11	9	11	19	28	11	18	11	21	24	25	20	20	17	13	609
159	Concentrating Evaporators	951	51	70	75	56	49	62	66	54	54	30	38	47	39	38	40	32	22	28	33	45	55	1935
160	Flexible or Portable Closure, Partition, or Panel	2381	285	279	245	227	233	304	257	304	309	386	358	307	318	296	258	258	209	167	172	254	223	8030
162	Paper Making and Fiber Liberation	3687	318	384	375	334	355	413	442	502	454	494	580	560	417	396	307	299	281	269	267	372	415	11921
163	Needle and Pin Making	32	3	1	5	4	9	5	8	7	6	4	0	1	2	0	0	0	2	3	1	0	1	94
164	Metal Founding	4308	333	266	344	351	239	256	274	312	317	233	287	341	372	267	259	281	221	133	150	202	266	10012
165	Heat Exchange	9375	627	640	662	675	567	613	524	739	862	864	955	903	889	930	866	1069	893	837	753	999	949	26191
166	Wells	7435	584	577	567	689	527	452	377	536	600	694	838	709	790	848	690	1055	951	932	926	1379	1225	23381
168	Farriery	95	17	15	14	10	2	10	12	10	8	13	11	18	17	13	11	4	8	7	14	8	0	317
169	Fire Extinguishers	819	77	91	62	60	60	81	74	94	117	125	80	85	78	80	76	88	76	69	54	106	74	2526
171	Unearthing Plants or Buried Objects	255	12	19	22	17	15	14	9	11	13	11	5	5	10	8	7	9	4	3	4	10	11	474
172	Earth Working	3096	174	140	141	141	193	186	168	215	199	244	212	183	170	144	151	174	98	72	126	194	150	6571
173	Tool Driving or Impacting	1930	142	132	88	112	94	114	94	123	138	163	148	125	162	179	153	199	148	175	145	194	190	4948
174	Electricity: Conductors and Insulators	8421	728	744	779	878	874	816	675	1082	1096	1271	1727	1763	1546	1514	1243	1286	1177	1173	1179	1399	1429	32800
175	Boring or Penetrating the Earth	4070	310	307	276	338	289	290	232	331	355	411	467	462	463	398	365	474	426	442	399	599	601	12305
177	Weighing Scales	2007	111	137	134	112	77	74	96	152	132	101	107	131	119	122	107	133	107	109	110	103	79	4360
178	Telegraphy	999	62	57	65	41	64	93	69	100	88	64	81	85	99	98	98	130	129	97	91	142	169	2921
180	Motor Vehicles	8088	822	743	686	731	625	788	637	877	965	1026	1186	1296	1314	1162	1168	1162	1104	1188	1184	1537	1469	29758
181	Acoustics	3352	247	263	236	235	234	213	215	312	313	316	268	296	360	308	239	210	209	258	261	346	406	9097
182	Fire Escape, Ladder, or Scaffold	2426	223	237	138	193	149	152	152	214	253	237	187	218	193	218	186	202	143	91	78	128	159	6177
184	Lubrication	1451	162	126	144	133	132	150	116	138	150	159	167	152	142	129	114	133	100	100	81	121	152	4252
185	Motors: Spring, Weight, or Animal Powered	232	6	12	12	7	7	10	8	7	15	13	16	11	9	14	8	7	8	4	3	7	7	423
186	Merchandising	153	22	24	17	17	21	20	12	21	27	22	13	19	23	16	16	17	14	14	10	20	19	537
187	Elevator, Industrial Lift Truck, or Stationary Lift for Vehicle	1404	157	152	152	163	140	146	140	187	212	149	172	212	157	91	87	137	159	158	169	200	180	4724

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188	Brakes	6460	501	489	473	483	536	524	425	525	603	591	771	709	519	453	482	451	379	382	323	396	456	16931
190	Trunks and Hand-Carried Luggage	588	77	70	65	49	77	92	70	87	98	91	104	98	96	56	59	54	51	47	55	47	55	2086
191	Electricity: Transmission To Vehicles	387	29	28	26	33	19	28	34	33	41	42	60	48	31	28	25	25	14	13	20	17	35	1016
192	Clutches and Power-Stop Control	6143	580	535	398	347	311	433	453	489	593	580	502	467	504	474	357	408	311	283	275	338	348	15129
193	Conveyors, Chutes, Skids, Guides, and Ways	791	49	60	44	35	49	36	39	32	59	63	68	57	51	40	39	41	46	36	40	39	33	1747
194	Check-Actuated Control Mechanisms	839	82	72	76	81	105	104	74	80	117	112	95	54	79	69	72	62	47	42	55	94	69	2480
196	Mineral Oils: Apparatus	305	16	14	19	11	11	11	12	26	22	10	18	13	9	7	5	6	7	8	11	10	21	572
198	Conveyors: Power-Driven	8234	740	790	691	703	586	534	541	577	693	686	816	714	699	616	466	492	500	457	462	589	601	21187
199	Type Casting	2	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5
200	Electricity: Circuit Makers and Breakers	7980	513	468	451	475	453	489	465	673	637	606	529	584	615	655	566	622	525	524	530	533	575	19468
201	Distillation: Processes, Thermolytic	1067	18	27	16	19	26	10	21	25	20	19	21	7	9	14	8	18	5	12	12	28	31	1433
202	Distillation: Apparatus	1805	74	74	97	72	74	77	82	91	77	76	59	58	51	43	40	48	37	48	69	66	76	3194
203	Distillation: Processes, Separatory	2039	127	182	190	143	142	118	126	144	141	104	81	127	82	68	73	80	65	61	82	72	90	4337
204	Chemistry: Electrical and Wave Energy	11946	873	991	978	1018	994	903	886	1091	1188	1315	1426	1294	1216	1122	883	790	739	679	662	949	1037	32980
205	Electrolysis: Processes, Compositions Used Therein, and Methods of Preparing the Compositions	6851	401	470	483	485	473	466	433	472	536	537	742	628	576	558	396	387	396	339	348	479	532	16988
206	Special Receptacle or Package	11564	1183	1164	1203	1233	1208	1213	1210	1599	1597	1515	1360	1225	1168	987	916	928	774	846	810	1148	1100	35951
208	Mineral Oils: Processes and Products	6596	421	346	345	382	291	211	215	257	384	328	316	263	248	242	164	189	225	239	267	407	393	12729
209	Classifying, Separating, and Assorting Solids	4965	362	375	387	352	344	316	290	308	375	387	370	314	315	319	242	234	236	239	210	270	320	11530
210	Liquid Purification or Separation	16622	1657	1855	1734	1460	1517	1623	1613	1746	1765	1719	1819	1620	1570	1449	1251	1263	1344	1262	1224	1550	1601	49264
211	Supports: Racks	4386	477	468	440	445	369	437	436	553	571	581	551	564	517	444	413	387	338	257	276	386	481	13777
212	Traversing Hoists	1245	75	77	64	40	69	64	67	80	65	104	82	68	100	46	46	64	75	75	73	89	68	2736
213	Railway Draft Appliances	274	19	34	18	19	20	32	20	20	22	18	26	17	11	20	8	14	14	14	19	27	15	681
215	Bottles and Jars	3556	319	316	291	291	295	284	291	391	413	362	303	280	260	223	208	220	184	155	195	275	270	9382
216	Etching a Substrate: Processes	2631	311	304	467	427	428	385	483	545	594	621	637	650	633	607	498	550	506	537	489	558	601	13462
217	Wooden Receptacles	348	12	13	16	16	7	8	7	14	10	11	15	9	7	4	4	6	4	6	1	9	5	532
218	High-Voltage Switches with Arc Preventing or Extinguishing Devices	1228	57	62	49	53	43	75	43	94	80	69	95	93	76	75	49	49	38	24	43	70	58	2523
219	Electric Heating	13973	1123	1096	1133	1164	1019	1007	923	1307	1430	1642	1583	1552	1529	1559	1321	1424	1111	858	765	1043	957	39519
220	Receptacles	9894	975	943	1003	947	913	962	889	1132	1183	1186	1120	987	919	808	712	860	732	621	755	980	996	29517
221	Article Dispensing	2524	235	226	224	208	216	231	157	251	273	268	294	256	294	254	171	230	166	167	157	238	222	7262
222	Dispensing	9970	972	907	928	1057	917	844	833	1031	1246	1112	1109	1069	867	871	700	762	615	498	537	869	789	28503
223	Apparel Apparatus	836	107	86	50	48	71	79	106	86	102	123	102	71	46	69	53	52	61	54	33	59	62	2356
224	Package and Article Carriers	3117	390	337	380	371	407	444	463	533	533	469	501	443	424	400	278	274	260	193	197	299	283	10996
225	Severing by Tearing or Breaking	851	74	96	64	70	51	54	45	73	63	51	52	67	66	78	61	60	34	35	36	43	45	2069
226	Advancing Material of Indeterminate Length	2558	159	160	150	162	142	129	100	174	152	116	121	125	106	76	63	65	55	52	26	40	43	4774
227	Elongated-Member-Driving Apparatus	1602	129	122	131	137	156	164	182	180	149	176	133	120	176	185	174	234	168	183	203	272	326	5302

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
228	Metal Fusion Bonding	4516	416	464	462	436	411	400	358	389	468	601	631	583	538	526	409	346	265	305	278	496	418	13716
229	Envelopes, Wrappers, and Paperboard Boxes	4132	416	361	365	384	328	311	280	362	351	347	335	293	244	168	193	158	156	155	143	252	228	9962
231	Whips and Whip Apparatus	25	2	3	0	1	0	0	1	0	1	4	0	1	1	2	1	1	1	3	2	2	1	52
232	Deposit and Collection Receptacles	463	57	45	35	31	47	35	43	41	43	37	33	27	29	42	37	48	62	51	33	36	23	1298
234	Selective Cutting (e.g., Punching)	55	1	5	2	1	0	0	2	2	3	0	2	3	4	6	2	8	4	4	2	8	2	116
235	Registers	3920	418	419	489	505	596	597	558	797	927	958	759	822	1038	1081	875	1406	1372	1467	1404	1729	1833	23970
236	Automatic Temperature and Humidity Regulation	2642	137	155	174	165	131	130	113	147	180	170	146	170	172	155	148	141	141	113	106	205	182	5823
237	Heating Systems	1605	80	72	73	67	40	53	47	78	112	106	74	78	76	90	65	66	47	28	30	44	44	2975
238	Railways: Surface Track	556	37	47	28	25	31	40	32	48	30	36	47	48	37	36	23	28	20	17	16	47	44	1273
239	Fluid Sprinkling, Spraying, and Diffusing	8562	733	738	745	789	615	581	658	902	1010	1055	886	852	907	961	774	824	593	560	557	825	762	24889
241	Solid Material Comminution or Disintegration	3883	320	304	356	364	334	343	307	370	410	319	244	296	328	224	207	253	304	254	302	365	425	10512
242	Winding, Tensioning, or Guiding	8717	590	546	640	780	575	707	612	825	756	768	628	718	665	549	486	485	433	419	323	372	367	20961
244	Aeronautics and Astronautics	5156	539	575	456	442	371	358	334	577	538	636	678	669	656	613	500	551	498	429	533	710	951	16770
245	Wire Fabrics and Structure	104	7	7	12	6	5	5	6	3	5	4	8	7	3	7	5	11	7	1	4	1	7	225
246	Railway Switches and Signals	563	46	45	37	51	58	55	59	76	42	68	84	78	60	53	42	58	55	42	40	72	60	1744
248	Supports	12459	1396	1333	1218	1212	1144	1226	1184	1576	1543	1633	1541	1669	1591	1252	1031	1163	1172	1058	1271	1605	1500	40777
249	Static Molds	2316	171	177	156	147	140	132	150	199	162	150	173	149	162	154	115	138	106	54	67	125	140	5283
250	Radiant Energy	18603	2133	2066	1887	1942	1865	1752	1628	2002	1871	1886	2120	2344	2707	2765	2342	3192	2790	2952	2938	3118	2689	67592
251	Valves and Valve Actuation	8676	678	719	674	681	561	567	501	708	815	867	801	728	706	763	771	762	539	465	470	578	555	22585
252	Compositions	15047	1338	1390	1314	1268	1199	1258	1143	1359	1335	1263	1226	1272	1379	1279	913	1091	981	935	962	1409	1439	40800
254	Implements or Apparatus for Applying Pushing or Pulling Force	3111	182	229	219	194	198	174	201	199	257	276	257	229	261	213	198	232	209	206	164	217	201	7627
256	Fences	833	78	79	64	71	82	96	98	100	108	112	107	99	138	110	106	90	64	72	82	83	84	2756
257	Active Solid-State Devices (e.g., Transistors, Solid-State Diodes)	20145	3126	3205	3374	4159	4228	4278	4696	6498	7847	9142	10998	11618	12001	12262	10811	11596	11307	10846	9414	13102	13023	197676
258	Railway Mail Delivery	9	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	12
260	Chemistry of Carbon Compounds	1116	23	32	26	20	17	19	31	34	33	24	26	13	16	10	8	3	7	7	3	4	2	1474
261	Gas and Liquid Contact Apparatus	4735	273	281	244	201	216	219	209	242	246	254	265	249	217	225	191	183	186	164	186	186	219	9391
264	Plastic and Nonmetallic Article Shaping or Treating: Processes	21565	2046	2101	2096	1810	1762	1799	1950	2405	2218	2044	1992	1847	2061	1938	1383	1406	1156	1008	1062	1991	1873	59513
266	Metallurgical Apparatus	3400	217	213	221	245	218	161	159	185	213	181	214	171	182	136	91	61	79	90	117	126	148	6828
267	Spring Devices	3329	304	290	291	282	222	248	215	244	291	293	323	379	300	238	205	229	215	196	152	179	209	8634
269	Work Holders	3156	240	289	259	247	193	234	218	300	307	312	299	290	301	251	204	230	167	130	150	194	250	8221
270	Sheet-Material Associating	819	120	125	76	89	89	83	83	119	87	84	121	104	96	130	87	106	93	118	154	205	267	3255
271	Sheet Feeding or Delivering	4791	531	640	589	498	478	444	407	437	530	492	542	457	569	466	360	367	336	494	568	732	727	15455
273	Amusement Devices: Games	4639	473	463	430	516	498	463	479	597	515	502	544	539	545	446	337	351	365	382	364	524	450	14422
276	Typesetting	0	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0	0	1	0	0	0	6
277	Seal for a Joint or Juncture	4902	404	411	350	350	286	383	326	278	381	419	491	471	410	387	337	339	233	256	222	321	335	12292

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
278	Land Vehicles: Animal Draft Appliances	4	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	1	1	0	1	11
279	Chucks or Sockets	1504	136	109	107	137	116	104	86	148	201	142	170	124	140	85	110	88	106	92	85	109	103	4002
280	Land Vehicles	11908	1253	1152	1250	1433	1397	1517	1238	1678	1725	1977	2145	2069	1747	1671	1554	1607	1581	1640	1597	2083	1822	46044
281	Books, Strips, and Leaves	849	124	94	99	81	104	79	99	122	149	139	125	112	76	76	55	46	27	34	24	51	29	2594
283	Printed Matter	1550	179	202	205	210	210	191	203	301	325	296	271	231	210	224	155	168	135	135	114	190	211	5916
285	Pipe Joints or Couplings	6546	524	568	473	594	453	420	371	511	582	522	510	565	515	397	401	395	293	418	406	490	413	16367
289	Knots and Knot Tying	163	9	11	6	6	15	15	17	13	10	11	17	11	14	12	8	7	6	6	9	7	13	386
290	Prime-Mover Dynamo Plants	1468	76	77	40	68	62	59	66	124	112	138	158	163	155	231	256	287	270	297	321	376	492	5296
291	Track Sanders	35	0	2	0	1	0	3	0	0	3	2	1	2	3	2	6	3	2	1	3	3	3	75
292	Closure Fasteners	3778	404	345	280	237	267	361	319	371	371	425	288	428	442	336	299	327	320	285	259	320	290	10752
293	Vehicle Fenders	662	50	69	52	43	39	38	35	51	55	59	95	81	87	108	112	81	79	91	81	83	91	2142
294	Handling: Hand and Hoist-Line Implements	4647	366	350	341	329	337	331	329	406	388	396	332	363	298	199	188	254	235	193	218	259	260	11019
295	Railway Wheels and Axles	88	7	4	2	3	4	7	6	3	9	7	6	7	8	7	2	1	2	3	3	4	0	183
296	Land Vehicles: Bodies and Tops	4879	624	503	462	462	418	541	483	695	775	933	1104	1009	1036	1063	985	1090	948	919	887	1174	1025	22015
297	Chairs and Seats	5400	505	525	457	695	562	728	684	817	847	901	803	807	885	835	685	831	665	747	739	888	852	20858
298	Land Vehicles: Dumping	460	54	34	32	27	38	33	17	32	29	37	34	27	40	38	27	18	17	18	18	24	29	1083
299	Mining or In Situ Disintegration of Hard Material	2255	108	121	109	64	72	60	66	76	68	83	84	80	68	58	59	73	52	92	75	86	100	3909
300	Brush, Broom, and Mop Making	168	22	24	11	10	16	15	22	18	19	14	21	18	19	16	14	3	9	9	9	13	15	485
301	Land Vehicles: Wheels and Axles	1044	104	100	90	94	96	128	94	118	137	169	179	187	161	141	126	129	93	107	103	120	148	3668
303	Fluid-Pressure and Analogous Brake Systems	2481	252	247	285	280	276	269	246	295	318	364	456	352	292	206	215	205	164	206	135	202	230	7976
305	Wheel Substitutes for Land Vehicles	579	26	21	33	39	38	25	24	47	49	62	61	72	58	35	43	42	36	34	35	50	56	1465
307	Electrical Transmission or Interconnection Systems	4409	325	333	380	340	403	545	546	745	768	686	604	585	615	577	383	622	580	556	689	853	986	16530
310	Electrical Generator or Motor Structure	8932	791	830	775	768	700	705	795	1234	1248	1274	1371	1392	1305	1863	1547	1524	1300	1303	1622	1879	1879	35037
312	Supports: Cabinet Structure	3861	284	326	374	343	373	378	369	496	532	600	534	637	595	500	412	394	376	352	348	570	512	13166
313	Electric Lamp and Discharge Devices	6364	571	547	465	436	480	565	621	909	931	857	955	1199	1612	1438	1093	1221	1195	1126	1307	1769	1824	27485
314	Electric Lamp and Discharge Devices: Consumable Electrodes	17	0	1	1	1	0	0	0	0	0	2	0	2	1	3	1	1	0	4	4	3	2	43
315	Electric Lamp and Discharge Devices: Systems	6154	652	513	447	493	557	526	463	671	708	745	849	1002	1067	956	819	947	932	872	839	1005	1186	22403
318	Electricity: Motive Power Systems	8135	641	638	689	648	628	658	625	950	879	903	879	899	804	865	836	1103	874	842	882	969	1030	25377
320	Electricity: Battery or Capacitor Charging or Discharging	1054	79	136	165	178	163	222	376	357	413	430	501	454	399	355	321	326	276	378	641	807	764	8795
322	Electricity: Single Generator Systems	847	73	56	61	53	34	76	83	98	73	86	83	76	81	125	111	129	129	109	129	104	128	2744
323	Electricity: Power Supply or Regulation Systems	3425	271	273	237	260	296	361	418	472	546	494	550	547	504	486	485	645	596	618	736	921	956	14097
324	Electricity: Measuring and Testing	12306	1346	1282	1272	1277	1517	1762	1503	1589	1531	1780	2123	2541	2498	2486	2286	2630	2393	2291	2388	2811	2464	54076
326	Electronic Digital Logic Circuitry	2733	440	423	353	465	502	532	447	559	580	765	861	839	739	805	731	782	908	896	873	1092	870	17195
	Miscellaneous Active Electrical																							

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
327	Nonlinear Devices, Circuits, and Systems	10394	944	1011	831	1145	1234	1297	1045	1533	1685	1814	1993	2114	1997	1940	1686	2064	1871	1745	2000	2389	2163	44895
329	Demodulators	949	69	91	65	80	105	99	112	115	108	113	89	71	62	69	50	67	58	53	65	64	79	2633
330	Amplifiers	4169	330	366	283	380	384	345	342	445	526	604	598	657	731	800	631	892	825	839	849	912	815	16723
331	Oscillators	3415	268	305	225	269	293	317	288	385	371	392	423	357	472	497	409	557	541	485	540	600	557	11966
332	Modulators	630	66	73	58	70	92	100	73	107	96	76	79	84	81	58	55	94	88	71	89	127	122	2389
333	Wave Transmission Lines and Networks	5190	488	464	410	465	442	449	410	598	611	616	520	696	791	734	708	690	612	585	648	684	660	17471
334	Tuners	355	8	4	3	3	9	5	2	10	13	13	8	11	8	6	6	12	11	4	7	12	6	516
335	Electricity: Magnetically Operated Switches, Magnets, and Electromagnets	3720	309	271	264	305	259	293	242	271	378	315	332	343	325	369	387	346	259	226	301	358	302	10175
336	Inductor Devices	2078	156	141	132	178	166	171	130	214	207	239	242	277	306	277	328	313	274	255	210	348	383	7025
337	Electricity: Electrothermally or Thermally Actuated Switches	1852	92	103	98	66	58	64	99	127	136	100	80	108	138	119	59	76	52	69	75	85	68	3724
338	Electrical Resistors	3857	274	259	253	229	145	177	176	222	264	239	230	201	183	142	113	154	162	108	106	150	132	7776
340	Communications: Electrical	14606	1360	1310	1332	1449	1655	1904	1943	2487	2385	2583	2512	2476	2253	2699	2662	3556	3002	3187	3232	3909	4032	66534
341	Coded Data Generation or Conversion	4120	432	373	444	375	465	503	656	817	682	685	856	970	972	964	910	1133	1076	1156	1003	1107	1051	20750
342	Communications: Directive Radio Wave Systems and Devices (e.g., Radar, Radio Navigation)	4067	399	411	417	514	483	594	514	662	729	832	978	1026	1012	1063	882	988	928	971	1142	1128	1191	20931
343	Communications: Radio Wave Antennas	2925	255	253	311	272	292	354	330	422	696	754	903	917	737	763	924	1077	907	1010	982	1079	982	17145
345	Computer Graphics Processing and Selective Visual Display Systems	5164	631	681	794	1020	1153	1377	1519	2342	2219	2347	2710	2638	2767	3174	2963	4078	3598	3521	3928	4921	5189	58734
346	Recorders	2953	229	250	253	190	143	96	40	69	82	63	45	41	32	33	18	25	29	15	9	18	16	4649
347	Incremental Printing of Symbolic Information	5456	580	783	796	766	903	1100	1076	1632	1348	1759	2140	2251	2099	1978	1713	1989	2051	2282	2112	2752	2769	40335
348	Television	13217	1662	1707	1797	1946	2005	2426	2435	3263	3169	2991	3009	3141	3221	3671	3226	4720	4081	4600	3691	4487	4610	79075
349	Liquid Crystal Cells, Elements and Systems	2208	334	419	369	405	448	580	590	883	777	926	919	963	1259	1429	1404	1506	1351	1495	1896	2337	2442	24940
351	Optics: Eye Examining, Vision Testing and Correcting	2064	235	233	222	217	260	261	275	371	417	418	395	351	413	388	306	379	425	482	432	520	529	9593
352	Optics: Motion Pictures	1158	75	56	51	41	43	63	46	56	50	51	41	44	58	78	40	56	41	38	37	40	51	2214
353	Optics: Image Projectors	1146	91	93	110	107	124	123	137	172	163	192	214	287	364	423	387	555	535	489	355	447	643	7157
355	Photocopying	4298	429	353	236	272	269	213	311	394	379	354	445	385	452	536	501	642	557	547	416	471	480	12940
356	Optics: Measuring and Testing	10536	1184	1179	1145	1187	1231	1195	1171	1648	1529	1538	1233	1432	1919	1837	1676	2024	2100	2204	2107	2341	2169	44585
358	Facsimile and Static Presentation Processing	4612	705	834	885	974	905	1094	1010	1593	1379	1255	1157	1157	1323	1384	1387	1934	1806	1894	2000	2354	2559	34201
359	Optical: Systems and Elements	12393	1449	1506	1411	1361	1275	1604	1638	2253	2194	2345	2425	2621	2779	3007	2864	3336	2949	2990	3018	3496	3403	62317
360	Dynamic Magnetic Information Storage or Retrieval	9670	1036	1043	1153	1185	1197	1193	1173	1598	1582	1590	1565	1572	1693	1860	1490	1872	1493	1435	1461	1369	1382	39612
361	Electricity: Electrical Systems and Devices	12586	1226	1410	1319	1348	1532	1765	1626	2337	2272	2489	2872	3234	3231	3168	2547	2934	2873	3122	3149	3707	3936	64683
362	Illumination	5645	716	682	583	660	785	776	810	1021	1000	1230	1352	1350	1501	1384	1338	1750	1855	1668	1834	2489	2327	32756
363	Electric Power Conversion Systems	3880	325	313	279	326	327	367	510	572	682	614	625	617	553	476	448	604	533	523	634	765	798	14771

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
365	Static Information Storage and Retrieval	5833	711	642	872	1296	1187	1312	1406	1912	2182	2304	2369	2416	2462	2518	2533	2721	2792	2809	2909	3462	3454	50102
366	Agitating	4297	283	296	313	349	339	370	290	380	388	377	397	308	322	292	267	261	239	282	216	285	331	10882
367	Communications, Electrical: Acoustic Wave Systems and Devices	4060	358	370	345	300	282	313	275	328	258	326	279	247	263	275	262	264	296	346	328	454	383	10612
368	Horology: Time Measuring Systems or Devices	2923	162	142	176	170	131	154	160	204	188	196	237	216	219	230	174	221	201	244	197	229	212	6986
369	Dynamic Information Storage or Retrieval	4557	628	750	808	752	840	957	981	1220	1084	1101	1113	1107	1225	1298	1022	1581	1470	1461	1359	1629	1688	28631
370	Multiplex Communications	4813	575	646	746	1112	1299	1588	1459	2220	2495	2767	2794	3188	3738	4368	4147	5903	4941	6256	7278	10194	10700	83227
372	Coherent Light Generators	4036	608	593	622	765	613	496	493	716	679	657	645	694	965	1111	783	815	605	676	764	970	754	19060
373	Industrial Electric Heating Furnaces	1389	53	62	83	78	74	82	47	66	103	96	59	71	46	60	24	39	26	24	19	37	27	2565
374	Thermal Measuring and Testing	3762	311	317	289	289	218	205	286	370	287	390	350	332	369	337	361	394	325	379	315	320	289	10495
375	Pulse or Digital Communications	5754	765	834	944	1166	1392	1764	1753	2611	2528	2534	2620	2708	2940	3163	2958	4386	3720	4064	3397	4455	4482	60938
376	Induced Nuclear Reactions: Processes, Systems, and Elements	5077	337	362	367	358	251	227	197	242	197	116	145	146	154	126	110	59	59	71	93	111	115	8920
377	Electrical Pulse Counters, Pulse Dividers, or Shift Registers: Circuits and Systems	2971	208	186	166	153	162	136	110	128	107	132	87	111	78	106	118	95	71	92	99	144	141	5601
378	X-Ray or Gamma Ray Systems or Devices	3752	425	386	372	318	372	431	375	434	380	485	656	752	601	603	635	879	790	912	961	1084	892	16495
379	Telephonic Communications	5991	581	555	600	799	949	1112	978	1578	1736	1567	1523	1600	1640	2023	1639	2176	1642	1506	1536	1847	2068	35646
380	Cryptography	1262	203	206	266	282	293	292	341	488	395	528	453	387	339	451	579	959	916	922	1110	1351	1426	13449
381	Electrical Audio Signal Processing Systems and Devices	3230	296	282	344	324	377	395	461	686	459	511	400	486	565	696	528	876	748	702	768	1015	1438	15587
382	Image Analysis	2945	602	585	613	654	664	862	1021	1820	1885	1791	1945	1829	2312	2572	2268	3452	3200	3576	3945	5009	5447	48997
383	Flexible Bags	2252	296	206	201	207	219	221	180	260	290	294	290	230	203	157	161	177	165	112	154	167	176	6618
384	Bearings	4747	452	428	409	385	383	424	366	485	446	480	539	519	500	468	397	402	359	328	352	417	410	13696
385	Optical Waveguides	5461	927	853	842	871	785	784	894	1167	1107	1166	1629	1994	2329	2519	2331	2455	2172	1969	1601	1632	1139	36627
386	Motion Video Signal Processing for Recording or Reproducing	3065	332	366	405	399	453	586	491	648	643	591	598	650	627	691	544	820	810	861	671	749	751	15751
388	Electricity: Motor Control Systems	852	63	46	58	80	66	63	68	105	69	76	96	102	76	78	69	74	82	71	65	75	59	2393
392	Electric Resistance Heating Devices	2022	119	157	161	169	153	133	135	187	228	258	272	239	197	204	220	245	158	136	136	183	185	5897
396	Photography	7659	654	604	673	680	624	864	899	1188	922	861	701	732	625	665	381	439	347	589	857	1045	891	22900
398	Optical Communications	1395	231	217	206	331	316	401	326	460	529	552	676	774	675	774	635	961	930	860	856	981	965	14051
399	Electrophotography	5989	847	899	905	860	794	1079	924	1354	1321	1234	1185	1195	1214	1261	1132	1561	1561	1675	1673	2215	2295	33173
400	Typewriting Machines	4888	482	472	428	351	362	382	344	480	468	430	374	409	432	458	439	420	335	286	232	267	254	12993
401	Coating Implements with Material Supply	1983	287	224	179	216	150	173	136	232	352	304	359	297	259	249	231	241	203	199	167	203	195	6839
402	Binder Device Releasably Engaging Aperture or Notch of Sheet	460	62	41	53	52	53	44	63	79	83	89	82	62	49	49	36	34	26	22	21	50	29	1539
403	Joints and Connections	9098	740	761	693	644	643	687	718	765	650	715	730	726	730	602	515	463	372	349	372	482	388	21843
404	Road Structure, Process, or Apparatus	2027	195	179	214	199	218	220	192	211	242	235	194	227	230	252	194	260	202	183	213	238	234	6559
405	Hydraulic and Earth Engineering	6129	561	497	557	462	466	554	416	570	522	447	479	533	501	472	400	488	347	367	356	442	459	16025

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
406	Conveyors: Fluid Current	1670	113	102	107	63	57	90	63	73	66	85	95	103	86	59	44	53	56	54	49	45	58	3191
407	Cutters, for Shaping	1084	137	116	116	90	65	73	97	131	151	137	123	74	129	126	99	122	102	113	115	117	128	3445
408	Cutting by Use of Rotating Axially Moving Tool	2846	300	263	193	239	189	177	217	290	310	216	264	194	226	159	176	232	226	178	162	144	167	7368
409	Gear Cutting, Milling, or Planing	2099	190	213	167	149	151	121	181	200	228	201	207	209	202	168	166	187	209	183	128	109	137	5805
410	Freight Accommodation On Freight Carrier	1063	109	88	74	71	106	93	72	107	113	134	126	119	143	132	109	130	111	114	97	124	135	3370
411	Expanded, Threaded, Driven, Headed, Tool-Deformed, or Locked-Threaded Fastener	3960	373	357	376	320	322	382	369	442	406	400	402	359	327	351	274	267	249	204	181	320	309	10950
412	Bookbinding: Process and Apparatus	319	38	41	34	31	40	26	38	28	42	55	39	42	46	48	35	32	19	31	27	55	47	1113
413	Sheet Metal Container Making	369	33	27	22	26	6	14	15	26	27	24	9	20	16	18	14	17	9	9	15	13	16	745
414	Material or Article Handling	10969	944	863	793	815	817	786	759	850	902	1034	891	918	900	798	641	622	508	470	531	695	688	27194
415	Rotary Kinetic Fluid Motors or Pumps	3968	258	358	377	348	312	365	292	328	313	454	497	596	577	523	526	589	486	444	505	656	756	13528
416	Fluid Reaction Surfaces (i.e., Impellers)	3508	207	269	311	296	249	278	208	253	285	409	453	498	440	403	417	478	444	427	447	530	773	11583
417	Pumps	7634	653	695	706	629	512	652	532	619	693	907	947	906	862	688	497	615	459	458	474	612	687	21437
418	Rotary Expansible Chamber Devices	2417	220	240	199	206	199	207	160	201	144	337	306	250	230	225	166	186	172	175	187	208	196	6831
419	Powder Metallurgy Processes	1847	229	185	113	181	187	159	138	162	213	166	171	169	189	134	90	91	83	93	97	136	109	4942
420	Alloys or Metallic Compositions	3297	333	315	264	287	268	240	200	263	296	241	304	297	235	257	179	114	113	128	146	237	204	8218
422	Chemical Apparatus and Process Disinfecting, Deodorizing, Preserving, or Sterilizing	11472	1059	1292	1320	1316	1335	1266	1225	1583	1632	1514	1605	1618	1648	1514	1253	1294	1392	1439	1611	2399	2417	43204
423	Chemistry of Inorganic Compounds	14236	1081	1134	1080	1024	950	867	857	987	1038	963	967	947	983	894	720	837	681	745	953	1464	1300	34708
424	Drug, Bio-Affecting and Body Treating Compositions	11850	1641	1705	1806	1804	1899	2309	3426	4165	4526	3964	4465	4639	4360	3229	2701	3408	2960	2874	2932	4361	4361	79385
425	Plastic Article or Earthenware Shaping or Treating: Apparatus	10882	932	970	964	833	851	842	892	1076	949	908	966	879	815	842	565	804	733	641	580	890	838	28652
426	Food or Edible Material: Processes, Compositions, and Products	10562	1003	908	899	823	884	902	816	981	1261	1268	1226	1064	1015	874	519	636	524	420	462	721	733	28501
427	Coating Processes	22686	1775	1901	1868	1861	1735	1817	1935	2308	2483	2499	2442	2446	2511	2301	1694	1444	1446	1250	1509	2194	2235	64340
428	Stock Material or Miscellaneous Articles	35123	3131	3380	3304	3342	3287	3529	3690	4309	4514	4325	4638	4733	4934	4854	3604	3369	3144	2768	2916	4370	4518	115782
429	Chemistry: Electrical Current Producing Apparatus, Product, and Process	4863	335	387	450	490	551	677	665	694	700	894	982	1129	1151	1164	961	1017	969	989	1268	2029	1960	24325
430	Radiation Imagery Chemistry: Process, Composition, or Product Thereof	14227	1563	1415	1822	1970	1789	1798	1708	2084	2213	2286	2264	2128	2186	2100	1624	1939	1596	1613	1625	1990	1858	53798
431	Combustion	3783	238	276	277	252	286	266	219	318	381	381	321	278	302	282	257	153	138	104	166	200	169	9047
432	Heating	3827	201	209	198	195	159	153	149	217	228	213	193	192	173	131	89	82	63	79	74	95	107	7027
433	Dentistry	3426	415	375	344	382	286	355	348	531	508	451	553	458	390	335	315	415	341	239	193	354	380	11394
434	Education and Demonstration	3225	288	286	374	315	320	344	332	476	483	498	426	424	445	421	366	368	300	238	246	351	375	10901
435	Chemistry: Molecular Biology and Microbiology	11576	1561	1969	2258	2175	2250	3081	4139	6133	6215	5605	6274	5729	5298	4616	4131	5277	5194	4789	4912	6438	6536	106156
436	Chemistry: Analytical and Immunological Testing	6583	785	972	1045	950	949	1037	1144	1457	1336	1156	1298	1261	1259	1119	927	978	1103	1084	1039	1594	1652	30728
	Semiconductor Device Manufacturing:																							

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
438	Process	7951	1112	1194	1487	1634	1881	1811	2142	2978	4219	5439	6913	7006	6815	6959	6191	6526	6103	6071	6689	8938	8876	108935
439	Electrical Connectors	10920	1265	1328	1291	1347	1343	1468	1612	1869	2118	2753	2776	2651	2331	2541	2231	2791	2414	2608	2547	2980	2741	55925
440	Marine Propulsion	1569	218	186	182	180	180	191	163	210	216	271	265	266	243	247	259	253	225	206	180	162	180	6052
441	Buoys, Rafts, and Aquatic Devices	1316	137	118	111	139	125	119	119	141	129	155	150	129	132	126	114	150	124	97	76	99	90	3896
442	Fabric (Woven, Knitted, or Nonwoven Textile or Cloth, Etc.)	3345	253	315	338	359	385	356	427	478	491	443	397	289	363	427	288	257	252	250	277	427	401	10818
445	Electric Lamp or Space Discharge Component or Device Manufacturing	1154	103	122	94	70	80	125	149	182	217	251	212	203	274	301	276	283	220	155	228	329	389	5417
446	Amusement Devices: Toys	3941	375	375	345	385	338	351	292	445	434	516	451	467	511	440	282	258	234	214	226	300	340	11520
449	Bee Culture	111	11	5	1	5	4	3	8	3	3	4	2	8	8	6	4	5	1	3	5	4	6	210
450	Foundation Garments	251	23	25	23	13	26	28	35	42	70	83	71	67	29	47	48	59	51	54	41	58	59	1203
451	Abrading	4786	447	462	460	389	408	455	547	553	694	841	1065	994	949	919	886	969	697	481	439	450	495	18386
452	Butchering	1405	116	161	124	120	95	105	72	103	106	125	118	67	78	73	62	112	95	104	101	99	96	3537
453	Coin Handling	309	43	36	27	30	35	43	18	21	34	40	32	20	50	31	15	26	22	17	20	24	16	909
454	Ventilation	2661	234	264	228	262	194	227	219	320	301	355	384	377	394	390	303	271	226	215	265	333	296	8719
455	Telecommunications	5675	568	689	833	929	1101	1485	1296	2056	2463	2769	2621	2679	2750	3205	3356	5577	4968	4931	5556	7145	9012	71664
460	Crop Threshing or Separating	425	34	33	22	30	44	47	26	44	55	42	53	58	42	49	49	44	41	34	43	46	53	1314
462	Books, Strips, and Leaves for Manifolding	286	18	35	29	34	31	10	11	14	19	31	24	23	5	11	5	5	1	4	0	2	1	599
463	Amusement Devices: Games	819	78	91	94	111	115	110	197	324	311	364	488	502	618	584	508	483	456	549	535	1054	1210	9601
464	Rotary Shafts, Gudgeons, Housings, and Flexible Couplings for Rotary Shafts	2572	194	226	221	208	165	184	245	276	235	264	348	255	210	216	178	208	168	175	171	218	249	7186
470	Threaded, Headed Fastener, or Washer Making: Process and Apparatus	520	35	29	32	26	18	33	28	35	37	26	29	30	24	18	17	36	17	25	15	15	23	1068
472	Amusement Devices	677	60	68	73	75	81	91	84	115	103	96	84	99	95	95	85	66	61	57	51	121	122	2459
473	Games Using Tangible Projectile	4152	550	561	547	693	717	687	681	921	766	675	722	764	795	750	700	848	746	599	616	825	883	19198
474	Endless Belt Power Transmission Systems or Components	2646	243	205	253	213	211	145	182	218	211	252	215	281	237	192	184	222	173	124	119	229	276	7031
475	Planetary Gear Transmission Systems or Components	2224	227	259	200	207	203	226	231	244	318	302	206	297	381	377	306	382	401	343	365	441	506	8646
476	Friction Gear Transmission Systems or Components	249	27	17	18	25	19	28	24	24	33	47	42	44	48	33	35	41	35	29	25	22	19	884
477	Interrelated Power Delivery Controls, Including Engine Control	2124	319	272	178	147	208	241	267	306	347	348	294	326	364	289	289	272	272	260	272	342	385	8122
482	Exercise Devices	2960	399	372	404	440	395	436	468	553	491	485	424	413	446	428	329	513	394	403	506	736	755	12750
483	Tool Changing	533	39	43	46	49	42	18	37	43	58	48	28	51	32	29	23	37	41	43	30	21	22	1313
492	Roll or Roller	917	76	110	88	69	109	120	110	167	149	127	116	135	118	120	80	69	51	52	51	65	73	2972
493	Manufacturing Container or Tube From Paper; or Other Manufacturing From a Sheet or Web	2862	307	303	274	201	205	232	200	297	291	314	280	201	293	267	211	203	143	188	159	171	165	7767
494	Imperforate Bowl: Centrifugal Separators	966	68	63	78	89	65	89	74	99	105	87	85	78	83	83	60	81	63	57	42	58	80	2553
501	Compositions: Ceramic	4538	681	606	591	571	433	429	457	439	470	396	471	466	440	380	290	318	263	246	352	397	372	13606
	Catalyst, Solid Sorbent, or Support																							

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
502	Therefor: Product or Process of Making	9858	835	848	777	670	615	601	601	801	820	998	983	984	924	871	690	746	639	605	728	1025	840	26459
503	Record Receiver Having Plural Interactive Leaves or a Colorless Color Former, Method of Use, or Developer Therefor	1394	199	211	227	249	185	158	151	153	162	122	116	83	86	85	74	86	66	53	45	54	64	4023
504	Plant Protecting and Regulating Compositions	4684	303	327	294	251	251	291	322	294	306	285	282	280	231	169	150	125	89	70	76	143	142	9365
505	Superconductor Technology: Apparatus, Material, Process	1341	336	384	361	304	242	214	172	173	181	143	146	139	144	106	77	65	65	56	73	89	85	4896
506	Combinatorial Chemistry Technology: Method, Library, Apparatus	9	6	3	8	13	17	52	55	116	117	144	162	199	269	177	140	87	97	107	74	110	121	2083
507	Earth Boring, Well Treating, and Oil Field Chemistry	1769	140	136	103	98	67	82	111	105	108	99	124	99	106	127	88	165	162	123	157	241	260	4470
508	Solid Anti-Friction Devices, Materials Therefor, Lubricant or Separant Compositions for Moving Solid Surfaces, and Miscellaneous Mineral Oil Compositions	2755	238	236	242	276	240	260	230	269	221	235	264	194	210	162	93	94	92	109	137	243	262	7062
510	Cleaning Compositions for Solid Surfaces, Auxiliary Compositions Therefor, or Processes of Preparing the Compositions	4529	403	386	402	421	526	563	530	798	884	764	830	882	804	610	428	495	407	403	434	499	575	16573
512	Perfume Compositions	1027	46	44	49	49	31	43	36	51	33	54	56	51	48	37	38	50	52	41	58	72	30	1996
514	Drug, Bio-Affecting and Body Treating Compositions	29759	3282	3250	3327	2847	3326	3888	4938	5389	5728	5344	5693	5966	5347	4032	3546	4347	3934	3654	4125	5707	5563	122992
516	Colloid Systems and Wetting Agents; Subcombinations Thereof; Processes Of	2292	198	221	204	198	184	200	173	181	197	191	180	189	197	121	79	85	89	78	116	188	152	5713
518	Chemistry: Fischer-Tropsch Processes; or Purification or Recovery of Products Thereof	770	30	27	23	12	20	18	15	33	38	49	66	54	67	81	61	80	61	45	42	84	71	1747
520	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	5	0	1	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	10
521	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	5332	367	464	439	373	328	316	363	436	370	392	380	363	369	302	194	180	173	118	139	268	272	11938
522	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	2972	252	219	238	224	251	245	235	286	297	312	346	279	254	264	198	202	189	165	175	267	250	8120
523	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	6354	594	545	591	584	562	535	526	660	787	737	750	731	658	566	407	456	408	376	394	614	631	18466
524	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	17951	1519	1515	1606	1643	1388	1479	1448	1649	1876	1714	1762	1767	1721	1698	1098	1277	1136	975	1083	1584	1618	49507
525	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	16968	1638	1737	2003	1966	1534	1594	1439	1606	1548	1529	1644	1699	1610	1476	1050	1186	958	772	813	1307	1415	47492
526	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	8490	754	835	961	837	717	696	732	817	793	891	1149	1168	1140	1025	803	864	698	623	575	937	919	26424
527	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	434	43	41	41	32	25	27	25	38	27	20	26	20	15	18	12	14	10	14	6	23	27	938
528	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	14243	1299	1388	1446	1366	1161	1170	1161	1278	1320	1213	1266	1245	1205	1052	730	1021	741	630	714	1165	1119	37933
530	Chemistry: Natural Resins or Derivatives; Peptides or Proteins; Lignins or Reaction Products Thereof	5656	753	967	1116	914	986	1250	1859	2736	2667	2170	2282	2185	2072	1899	1651	2399	2330	2224	2171	2513	2445	45245
532	Organic Compounds -- Part of the Class 532-570 Series	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	1	0	3	0	7

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
534	Organic Compounds -- Part of the Class 532-570 Series	2561	210	181	191	191	160	197	183	244	198	168	129	140	99	108	83	149	83	90	79	96	69	5609
536	Organic Compounds -- Part of the Class 532-570 Series	4697	705	688	836	808	1053	1574	2194	3128	3265	2867	3170	2907	2785	2348	2058	2553	2345	2021	2103	2650	2664	49419
540	Organic Compounds -- Part of the Class 532-570 Series	6472	519	478	502	443	482	581	616	542	532	432	430	495	394	300	322	428	398	333	351	418	433	15901
544	Organic Compounds -- Part of the Class 532-570 Series	11592	963	939	1004	874	908	914	1043	1121	1098	1079	1172	1276	1125	975	978	1098	1139	1023	1113	1424	1395	34253
546	Organic Compounds -- Part of the Class 532-570 Series	12082	1080	1055	1192	1030	1078	1129	1323	1259	1298	1297	1273	1431	1358	1113	1016	1232	1143	1090	1289	1460	1566	37794
548	Organic Compounds -- Part of the Class 532-570 Series	12842	1091	1103	1163	990	1034	1172	1182	1104	1182	1146	1150	1293	1107	884	863	1089	1133	988	1030	1468	1470	36484
549	Organic Compounds -- Part of the Class 532-570 Series	9347	648	739	790	711	691	686	780	813	809	824	803	889	723	640	518	616	510	497	545	658	647	23884
552	Organic Compounds -- Part of the Class 532-570 Series	1957	105	133	124	99	136	133	123	134	128	125	98	138	115	87	77	97	82	52	60	93	82	4178
554	Organic Compounds -- Part of the Class 532-570 Series	2347	126	158	158	142	152	129	123	149	189	143	205	203	140	130	84	107	75	61	146	133	137	5237
556	Organic Compounds -- Part of the Class 532-570 Series	3841	402	412	415	349	336	383	360	362	417	391	491	423	335	308	240	306	268	213	232	302	270	11056
558	Organic Compounds -- Part of the Class 532-570 Series	6558	420	430	483	370	366	321	349	364	356	335	338	342	286	225	163	215	177	167	186	205	167	12823
560	Organic Compounds -- Part of the Class 532-570 Series	9850	640	672	760	589	554	498	571	622	577	588	635	678	554	406	336	374	371	324	305	339	363	20606
562	Organic Compounds -- Part of the Class 532-570 Series	7918	506	557	586	491	448	400	483	556	569	526	555	579	550	423	328	433	362	398	350	399	375	17792
564	Organic Compounds -- Part of the Class 532-570 Series	7396	617	584	596	520	535	491	582	641	613	605	633	647	558	458	404	448	456	444	402	496	483	18609
568	Organic Compounds -- Part of the Class 532-570 Series	9519	671	745	727	612	592	471	498	706	612	576	701	725	589	502	412	515	419	388	386	544	444	21354
570	Organic Compounds -- Part of the Class 532-570 Series	1328	126	153	156	135	145	127	117	167	135	141	161	134	98	98	80	100	89	67	63	105	133	3858
585	Chemistry of Hydrocarbon Compounds	5070	481	423	468	389	395	310	294	408	463	432	411	418	360	285	259	326	343	356	368	424	509	13192
588	Hazardous or Toxic Waste Destruction or Containment	853	40	52	116	165	189	205	179	184	168	141	121	127	99	69	47	74	62	58	60	101	93	3203
600	Surgery	8527	1186	1233	1346	1572	1593	1436	1293	2187	2103	2372	2302	2471	2739	2153	1720	1950	1908	1703	2000	3185	3426	50405
601	Surgery: Kinesitherapy	1526	208	213	171	163	214	185	175	235	190	207	228	198	217	209	142	192	192	181	152	215	245	5658
602	Surgery: Splint, Brace, or Bandage	1580	228	199	193	206	291	229	245	346	304	326	281	249	264	230	218	241	168	158	186	298	355	6795
604	Surgery	9938	1293	1415	1547	1845	1720	1616	1703	2251	2043	1901	1883	1860	2424	1687	1320	1312	1127	1052	1271	2334	2479	46021
606	Surgery	4674	770	924	1011	1332	1353	1405	1671	2136	2226	2187	2000	1797	2215	1659	1279	1527	1342	1116	1387	2545	3022	39578
607	Surgery: Light, Thermal, and Electrical Application	2571	325	331	376	504	525	489	479	781	775	884	925	877	979	781	756	945	966	677	787	1231	1469	18433
623	Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor	2691	366	442	323	404	341	500	512	690	742	830	917	967	1027	903	726	859	741	628	829	1357	1611	18406
700	Data Processing: Generic Control Systems or Specific Applications	5424	590	613	720	778	722	819	729	1281	1114	889	1052	1225	1519	1772	1625	2119	1709	1672	1673	2326	2446	32817
701	Data Processing: Vehicles, Navigation, and Relative Location	3568	663	573	579	577	657	707	605	1017	1226	1416	1859	1908	1940	1937	1886	1968	1860	1891	2042	2687	3011	34577

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
702	Data Processing: Measuring, Calibrating, or Testing	4561	486	436	458	546	511	732	697	981	807	831	1000	1354	1833	2146	2130	2528	2242	2197	2215	2660	2801	34152
703	Data Processing: Structural Design, Modeling, Simulation, and Emulation	429	91	82	117	167	194	275	310	424	455	413	430	351	391	526	596	991	787	879	989	1149	1252	11298
704	Data Processing: Speech Signal Processing, Linguistics, Language Translation, and Audio Compression/Decompression	1377	194	204	252	265	257	357	512	851	788	719	839	845	695	818	701	1264	1136	1170	1077	1345	1520	17186
705	Data Processing: Financial, Business Practice, Management, or Cost/Price Determination	1100	154	147	229	249	195	254	367	711	970	1020	818	834	868	900	1356	2120	1937	2524	2936	5263	5477	30429
706	Data Processing: Artificial Intelligence	371	194	288	388	296	343	343	339	483	259	254	294	299	401	304	350	476	340	506	657	911	1059	9155
707	Data Processing: Database and File Management or Data Structures	585	123	174	242	310	431	560	704	1513	1733	1674	1931	2231	2498	2674	2520	3796	3464	3792	4322	5239	5369	45885
708	Electrical Computers: Arithmetic Processing and Calculating	4188	439	423	503	471	444	524	510	684	691	500	484	459	461	482	404	614	408	491	454	527	561	14722
709	Electrical Computers and Digital Processing Systems: Multicomputer Data Transferring	400	72	107	151	197	263	473	556	1501	1639	1957	2020	2292	2299	2985	3018	4557	4283	4861	5884	8071	8346	55932
710	Electrical Computers and Digital Data Processing Systems: Input/Output	1718	194	257	358	451	555	920	1048	1538	1491	1460	1401	1397	1552	1947	1624	1906	1485	1634	1787	2257	2120	29100
711	Electrical Computers and Digital Processing Systems: Memory	2024	231	325	406	583	738	1000	1077	1565	1546	1517	1697	1870	1944	2228	2096	2717	2287	2638	2571	2918	3179	37157
712	Electrical Computers and Digital Processing Systems: Processing Architectures and Instruction Processing (e.g., Processors)	1666	182	261	272	349	441	601	688	1203	1109	953	985	824	813	904	777	882	793	869	729	911	886	17098
713	Electrical Computers and Digital Processing Systems: Support	968	158	164	256	325	422	517	627	1050	1015	1005	1069	1045	1186	1575	1783	2817	2782	3108	3361	4290	4265	33788
714	Error Detection/Correction and Fault Detection/Recovery	4593	566	689	746	961	1279	1570	1465	2192	2052	1927	2041	1979	2399	2531	2448	3561	3413	3484	3205	3650	3442	50193
715	Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing	837	133	204	263	344	433	605	724	1239	1262	1168	1253	1236	1232	1319	1372	1929	1763	1733	2539	3237	3066	27891
716	Computer-Aided Design and Analysis of Circuits and Semiconductor Masks	206	42	50	79	107	156	209	219	315	302	295	480	630	895	777	743	1135	965	1065	1039	1216	1262	12187
717	Data Processing: Software Development, Installation, and Management	113	21	44	66	116	141	153	199	465	555	490	634	496	549	735	846	1255	1125	1160	1489	2041	1748	14441
718	Electrical Computers and Digital Processing Systems: Virtual Machine Task or Process Management or Task Management/Control	231	28	56	62	109	135	109	155	270	243	267	314	337	329	455	398	575	446	532	577	861	836	7325
719	Electrical Computers and Digital Processing Systems: Interprogram Communication or Interprocess Communication (Ipc)	65	16	20	30	69	116	113	126	249	289	265	392	411	357	511	460	615	453	632	691	741	694	7315
720	Dynamic Optical Information Storage or Retrieval	486	103	123	102	89	74	137	118	183	190	153	216	238	214	238	255	313	291	318	243	218	252	4554
725	Interactive Video Distribution Systems	574	78	68	88	97	139	273	275	428	457	372	330	345	385	441	385	709	566	638	956	1406	1590	10600
726	Information Security	68	14	16	21	31	32	61	88	205	287	356	373	285	307	503	511	969	1150	1420	1883	2627	2780	13987
800	Multicellular Living Organisms and Unmodified Parts Thereof and Related	124	29	48	38	99	91	254	283	498	670	632	667	556	527	614	521	779	907	762	947	1081	1150	11277

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
	Processes																							
850	Scanning-Probe Techniques or Apparatus; Applications of Scanning-Probe Techniques, e.g., Scanning Probe Microscopy [Spm]	410	104	112	105	117	132	110	87	112	117	112	158	161	224	228	210	11	3	5	29	68	77	2692
901	Robots	2100	236	214	204	157	154	147	132	185	183	160	165	177	182	148	143	201	165	134	129	169	203	5688
902	Electronic Funds Transfer	763	33	25	33	28	37	31	49	57	64	81	61	40	45	55	62	60	72	59	52	54	69	1830
903	Hybrid Electric Vehicles (Hevs)	61	3	11	9	26	18	29	26	73	100	100	138	220	216	167	96	17	91	107	73	111	92	1784
930	Peptide or Protein Sequence	2151	12	58	76	66	38	59	85	79	79	48	46	33	31	40	29	32	23	18	12	19	13	3047
968	Horology	3400	6	0	1	0	1	0	0	6	3	2	4	2	2	2	0	1	1	1	1	2	1	3436
976	Nuclear Technology	5572	172	48	9	21	23	23	19	25	5	10	3	4	6	3	3	5	4	1	1	3	0	5960
977	Nanotechnology	131	64	82	108	152	137	171	172	243	433	262	372	496	731	386	343	286	352	439	532	780	792	7464
984	Musical Instruments	3168	0	0	0	0	0	0	0	0	0	2	2	2	4	1	0	1	2	3	1	1	0	3187
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	5088	75	2	0	1	1	1	5	4	0	9	5	2	4	2	1	1	0	0	0	2	2	5205
D01	Edible Products	269	67	84	52	47	41	61	52	58	56	69	66	50	45	125	88	139	64	63	146	89	110	1841
D02	Apparel and Haberdashery	2373	338	383	481	457	348	383	536	739	614	539	501	507	551	600	507	922	987	1141	931	945	950	15733
D03	Travel Goods and Personal Belongings	2989	440	389	460	427	450	448	460	561	591	600	623	575	569	531	472	697	707	682	668	756	633	14728
D04	Brushware	677	99	95	131	117	161	156	142	169	153	191	204	284	204	144	166	198	168	234	176	155	146	4170
D05	Textile or Paper Yard Goods; Sheet Material	342	31	14	25	13	33	30	40	52	53	98	75	52	41	69	94	91	87	79	72	103	170	1664
D06	Furnishings	9899	1086	1100	1479	1221	1540	1523	1288	1673	1658	1878	1936	1713	1687	1644	1267	1725	2192	2011	1834	1640	1418	43412
D07	Equipment for Preparing or Serving Food or Drink Not Elsewhere Specified	6274	585	574	799	736	696	881	674	869	864	1053	1099	843	1052	958	761	1247	1474	1499	1246	1426	1217	26827
D08	Tools and Hardware	6458	801	892	907	920	916	911	895	1184	1158	1381	1113	1044	1201	1119	880	1510	1659	1780	1351	1210	1273	30563
D09	Packages and Containers for Goods	4438	654	525	601	642	662	644	668	804	814	958	951	763	954	733	783	1204	1486	1414	1527	1470	1386	24081
D10	Measuring, Testing, or Signalling Instruments	4133	682	574	579	649	780	537	611	787	713	719	751	650	533	573	532	718	798	965	774	722	577	18357
D11	Jewelry, Symbolic Insignia, and Ornaments	2975	320	305	400	376	477	404	446	498	412	427	496	457	437	416	367	514	515	573	528	530	544	12417
D12	Transportation	5680	768	758	916	819	779	783	875	1099	997	1265	1132	1099	1115	1319	990	1487	1532	1650	1789	1711	1433	29996
D13	Equipment for Production, Distribution, or Transformation of Energy	2122	429	408	385	397	390	389	338	528	684	684	592	676	720	578	597	1034	1109	1379	1372	1257	1202	17270
D14	Recording, Communication, or Information Retrieval Equipment	5662	871	743	958	1050	1096	1101	1079	1358	1379	1647	1430	1490	1798	1794	1344	2480	2921	3467	3184	2807	2537	42196
D15	Machines Not Elsewhere Specified	2961	183	319	382	284	378	365	276	382	381	435	410	430	418	437	343	650	694	623	585	643	644	12223
D16	Photography and Optical Equipment	1390	194	211	192	226	232	281	259	406	362	463	365	290	417	322	301	416	717	586	471	440	465	9006
D17	Musical Instruments	571	92	56	54	81	53	59	49	67	72	39	54	46	60	37	48	65	66	110	68	66	55	1868
D18	Printing and Office Machinery	2452	360	242	298	258	294	286	243	234	224	310	295	217	242	201	160	455	418	295	280	251	251	8266
D19	Office Supplies; Artists' and Teachers' Materials	2248	324	358	367	290	374	238	307	414	413	437	454	422	427	461	379	384	486	608	425	375	398	10589
D20	Sales and Advertising Equipment	798	132	109	136	169	156	128	182	219	182	227	153	104	184	146	136	141	144	137	163	181	178	4105
D21	Games, Toys, and Sports Goods	6732	893	828	813	1060	1059	925	886	1216	1129	1205	970	825	863	794	697	1143	1091	1206	993	913	1007	27248

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
D22	Arms, Pyrotechnics, Hunting and Fishing Equipment	1748	147	189	153	188	205	226	159	189	196	198	173	178	194	160	150	205	191	191	234	276	300	5850
D23	Environmental Heating and Cooling; Fluid Handling and Sanitary Equipment	4163	649	560	494	594	614	580	600	833	860	1036	931	988	934	850	814	1585	1374	1478	1292	1357	1107	23693
D24	Medical and Laboratory Equipment	4794	521	579	566	598	612	589	502	587	639	735	817	629	740	610	384	604	1016	1086	1095	1385	1238	20326
D25	Building Units and Construction Elements	2812	203	266	286	335	374	312	343	363	381	407	405	438	385	362	326	322	444	474	447	512	358	10555
D26	Lighting	2138	353	348	309	398	421	505	489	581	595	856	959	731	792	714	529	916	1197	1368	1207	1250	1313	17969
D27	Tobacco and Smokers' Supplies	481	35	12	25	37	37	39	47	90	94	66	85	98	68	79	59	109	124	79	79	86	54	1883
D28	Cosmetic Products and Toilet Articles	1779	197	142	173	281	200	217	215	232	242	421	374	290	306	283	212	336	341	346	313	352	364	7616
D29	Equipment for Safety, Protection, and Rescue	611	63	61	81	98	119	109	93	82	93	103	89	117	75	103	67	129	153	169	161	119	155	2850
D30	Animal Husbandry	1027	166	169	220	207	211	210	158	135	122	210	138	131	146	143	149	180	224	229	201	290	261	4927
D32	Washing, Cleaning, or Drying Machine	1392	227	156	168	225	239	223	239	259	230	337	298	276	314	279	207	435	541	493	397	423	378	7736
D34	Material or Article Handling Equipment	1766	332	388	389	289	299	220	163	250	226	228	218	212	227	184	105	263	388	290	282	243	281	7243
D99	Miscellaneous	467	36	55	67	53	83	57	71	86	74	88	115	57	100	114	62	63	45	58	40	88	69	1948
G9B	Information Storage Based On Relative Movement Between Record Carrier and Transducer	17191	2056	2215	2365	2465	2566	2801	2930	3990	3697	3698	3792	3977	4137	4370	3496	4784	4065	3912	205	20	13	78745
PLT	Plants	3398	353	321	442	499	389	367	398	563	422	551	586	1134	994	1019	716	1149	1047	1241	1011	989	827	18416
ALL	ALL CLASSES (in this total, a patent is counted once for each class in which it has been classified)	1959194	187797	189553	193356	197068	196570	209943	213263	278053	285269	291426	304046	305101	309494	300407	261440	318389	291834	291851	295323	378276	382679	7640332

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