

Patent Counts By Class By Year JANUARY 1977 -- DECEMBER 2013

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, 2013 . 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

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

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 - 12/31/2013*

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
001	** Classification Undetermined **	9	0	0	1	0	0	0	0	1	0	1	1	0	0	2	1	3	7	3	1	0	0	30
002	Apparel	3383	232	260	270	384	426	508	601	568	550	497	338	408	341	381	238	220	174	401	427	429	420	11456
004	Baths, Closets, Sinks, and Spittoons	2855	249	290	230	198	218	311	409	327	351	398	329	309	231	219	183	138	111	190	259	359	265	8429
005	Beds	3122	268	237	268	335	298	312	314	353	343	333	373	403	389	390	278	350	331	403	354	398	457	10309
007	Compound Tools	301	34	25	14	28	25	31	40	41	46	39	33	38	39	39	29	10	13	15	17	13	24	894
008	Bleaching and Dyeing; Fluid Treatment and Chemical Modification of Textiles and Fibers	3253	201	202	188	211	159	228	310	239	187	194	243	212	136	194	205	180	181	237	249	204	202	7615
012	Boot and Shoe Making	327	14	13	7	11	10	14	20	6	11	6	9	9	4	9	6	11	9	17	16	17	15	561
014	Bridges	387	25	36	44	41	30	39	41	32	28	53	38	49	34	46	39	32	40	38	60	54	59	1245
015	Brushing, Scrubbing, and General Cleaning	4662	314	446	432	446	394	544	599	620	506	447	500	425	351	346	437	392	381	576	561	590	811	14780
016	Miscellaneous Hardware (e.g., Bushing, Carpet Fastener, Caster, Door Closer, Panel Hanger, Attachable or Adjunct Handle, Hinge, Window Sash Balance, Etc.)	1905	132	130	148	179	164	216	202	227	199	270	258	215	190	232	166	145	215	258	274	258	297	6280
019	Textiles: Fiber Preparation	1023	54	68	66	54	54	47	45	58	65	52	42	22	20	28	15	27	32	46	27	15	15	1875
023	Chemistry: Physical Processes	210	10	19	12	5	5	13	7	14	10	11	8	5	10	6	4	7	9	11	19	15	19	429
024	Buckles, Buttons, Clasps, Etc.	3066	210	225	236	227	293	288	299	276	306	357	322	205	144	223	200	200	182	204	216	260	317	8256
026	Textiles: Cloth Finishing	279	12	11	26	20	17	23	25	14	12	7	9	7	8	6	9	4	4	9	4	13	5	524
027	Undertaking	138	13	13	14	16	28	24	20	23	23	12	25	15	12	13	42	33	23	22	31	26	26	592
028	Textiles: Manufacturing	715	39	64	60	38	47	39	45	54	44	51	45	46	23	45	42	39	33	24	20	20	21	1554
029	Metal Working	12275	1050	961	878	924	976	1203	1120	1252	1379	1260	1472	1398	1244	1495	1251	1034	1117	1491	1518	1821	1711	38830
030	Cutlery	3548	202	221	213	234	228	276	304	291	282	306	299	275	221	230	199	164	170	205	254	245	248	8615
033	Geometrical Instruments	4649	250	235	320	246	195	255	213	318	341	407	386	374	398	379	413	382	376	396	373	286	285	11477
034	Drying and Gas or Vapor Contact with Solids	2615	199	201	167	250	229	241	284	349	234	256	184	202	193	187	97	157	75	82	161	192	211	6766
036	Boots, Shoes, and Leggings	2081	141	165	160	146	177	258	259	227	202	194	185	217	196	214	175	208	185	272	235	270	269	6436
037	Excavating	1264	82	50	85	103	79	102	112	122	108	139	110	115	103	95	67	43	116	170	102	88	77	3332
038	Textiles: Ironing or Smoothing	376	12	38	29	32	37	34	33	38	30	36	23	36	20	39	28	26	22	30	21	43	56	1039
040	Card, Picture, or Sign Exhibiting	2703	145	197	191	176	188	214	240	265	262	249	313	246	202	173	204	221	184	235	242	249	212	7311
042	Firearms	1523	93	108	139	108	144	149	136	87	164	189	195	155	119	130	129	135	135	212	240	276	315	4881
043	Fishing, Trapping, and Vermin Destroying	3395	284	273	212	274	176	184	346	292	206	243	296	221	195	169	139	130	133	195	155	155	182	7855

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
044	Fuel and Related Compositions	1865	86	103	96	105	79	100	105	119	98	77	112	89	46	28	58	66	82	93	105	113	153	3778
047	Plant Husbandry	1753	130	162	173	178	130	143	192	236	200	222	206	129	104	107	83	49	105	168	159	181	193	5003
048	Gas: Heating and Illuminating	919	24	12	34	23	42	44	29	19	26	7	21	37	28	51	60	69	81	86	103	139	153	2007
049	Movable or Removable Closures	2321	167	166	174	176	139	176	182	236	194	191	168	187	140	139	80	88	110	149	132	205	265	5785
051	Abrasive Tool Making Process, Material, or Composition	665	89	58	51	69	73	42	52	45	70	77	82	71	41	31	45	29	40	21	68	60	80	1859
052	Static Structures (e.g., Buildings)	9648	643	689	616	750	830	1000	983	1012	1136	974	851	774	678	565	441	400	601	1112	940	1215	1500	27358
053	Package Making	4545	301	278	418	391	436	538	394	456	387	359	418	425	378	352	248	360	308	321	301	291	292	12197
054	Harness for Working Animal	215	16	19	16	15	12	27	12	31	24	33	35	31	13	27	34	25	25	9	12	22	14	667
055	Gas Separation	1471	114	64	77	96	103	184	152	170	172	190	169	177	150	147	181	253	276	307	358	301	319	5431
056	Harvesters	2888	176	172	198	158	116	214	238	229	182	205	201	178	199	165	118	142	157	216	184	177	130	6643
057	Textiles: Spinning, Twisting, and Twining	2609	113	142	111	109	111	162	116	107	132	98	61	66	50	75	48	57	41	52	56	59	58	4433
059	Chain, Staple, and Horseshoe Making	288	20	23	20	12	20	27	27	23	41	28	29	24	27	30	28	34	34	26	26	23	30	840
060	Power Plants	8256	634	644	620	503	537	710	672	740	1025	974	944	951	947	1095	758	707	906	1147	1217	1467	1802	27256
062	Refrigeration	7387	710	653	636	632	685	791	902	884	1045	1099	1022	813	660	797	836	564	481	698	674	614	749	23332
063	Jewelry	368	34	28	36	42	55	40	33	41	36	56	52	43	26	40	38	37	25	29	26	30	32	1147
065	Glass Manufacturing	3623	175	175	101	118	200	234	251	175	194	200	202	223	124	139	97	103	84	146	195	203	207	7169
066	Textiles: Knitting	1288	80	74	69	94	73	73	89	141	128	71	70	82	81	80	61	49	72	73	70	32	49	2899
068	Textiles: Fluid Treating Apparatus	905	70	62	62	70	80	112	111	69	49	79	72	29	33	35	72	93	113	106	114	112	121	2569
069	Leather Manufactures	107	2	1	0	2	3	1	2	2	1	1	1	4	7	0	1	1	4	5	4	3	2	154
070	Locks	2826	189	182	210	201	242	338	319	248	211	285	308	222	212	203	178	205	153	160	188	217	210	7507
071	Chemistry: Fertilizers	717	38	40	61	44	59	58	42	39	62	64	24	27	14	12	11	14	18	48	42	51	48	1533
072	Metal Deforming	5913	326	325	277	325	389	470	500	435	450	343	350	322	259	458	385	308	258	272	294	386	414	13459
073	Measuring and Testing	16936	1128	1376	1356	1465	1347	1654	1529	1517	1575	1685	2056	1724	1781	1917	1797	1918	1726	1934	1894	1998	2125	52438
074	Machine Element or Mechanism	6456	595	409	373	490	425	618	626	613	604	561	491	410	354	390	390	340	378	471	477	609	688	16768
075	Specialized Metallurgical Processes, Compositions for Use Therein, Consolidated Metal Powder Compositions, and Loose Metal Particulate Mixtures	3573	227	223	245	175	150	200	247	231	274	289	235	190	131	102	136	123	174	205	210	203	191	7734
076	Metal Tools and Implements, Making	472	23	27	44	28	24	23	19	31	21	19	22	15	10	9	16	8	11	14	13	21	18	888
079	Button Making	2	0	0	0	0	0	0	1	1	0	1	1	0	1	1	0	0	1	1	0	0	0	10
081	Tools	2499	187	197	142	193	130	184	285	352	407	293	228	256	310	417	337	205	115	196	212	205	301	7651
082	Turning	1140	63	54	33	41	64	73	82	68	75	55	109	50	45	49	30	38	52	63	68	70	58	2380
083	Cutting	4219	259	235	183	157	177	301	337	314	286	204	264	320	210	272	174	144	157	215	243	255	247	9173
084	Music	3647	299	305	343	324	273	342	417	381	347	306	277	274	234	316	374	425	482	559	451	392	386	11154
086	Ammunition and Explosive-Charge Making	263	18	17	16	10	14	21	10	11	16	15	15	7	14	15	12	14	14	18	13	12	16	561
087	Textiles: Braiding, Netting, and Lace Making	132	7	9	11	6	6	13	15	7	8	11	9	5	2	8	11	7	3	9	9	14	20	322
089	Ordnance	1983	127	133	131	79	109	120	107	80	123	115	124	115	87	84	96	104	133	185	229	256	282	4802

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
091	Motors: Expansible Chamber Type	2173	122	92	67	87	77	111	77	80	92	104	81	92	69	79	80	48	49	34	52	40	39	3745
092	Expansible Chamber Devices	1378	93	101	101	93	111	141	136	99	153	160	144	113	105	99	127	103	75	86	77	70	85	3650
095	Gas Separation: Processes	2098	152	122	135	136	132	205	216	205	227	272	276	218	166	211	165	213	189	296	341	381	475	6831
096	Gas Separation: Apparatus	1869	108	93	97	111	124	138	133	126	130	168	159	142	116	108	128	151	190	207	185	246	268	4997
099	Foods and Beverages: Apparatus	2723	254	234	309	279	320	306	352	332	332	277	278	247	173	176	112	169	161	239	198	255	279	8005
100	Presses	1634	117	113	99	103	103	135	105	82	82	56	129	105	82	108	73	97	55	51	61	72	89	3551
101	Printing	3888	309	319	339	357	366	525	447	431	385	438	546	581	333	353	205	201	168	192	193	188	202	10966
102	Ammunition and Explosives	2842	197	182	180	155	143	155	132	121	215	192	213	151	137	141	110	141	133	172	202	224	225	6363
104	Railways	1347	81	71	82	86	102	73	52	65	91	105	84	57	47	33	41	51	66	87	67	92	107	2887
105	Railway Rolling Stock	1122	72	69	78	77	71	91	55	64	99	91	81	49	67	49	43	47	55	74	77	82	106	2619
106	Compositions: Coating or Plastic	4508	377	483	406	394	415	554	518	427	428	472	489	489	311	372	411	365	327	509	424	478	437	13594
108	Horizontally Supported Planar Surfaces	1223	76	145	138	167	158	159	176	190	152	155	149	159	110	118	64	71	88	130	132	179	166	4105
109	Safes, Bank Protection, or a Related Device	316	18	12	11	12	22	21	16	11	7	12	14	8	12	5	6	7	4	7	3	12	19	555
110	Furnaces	1812	108	137	80	104	121	143	82	93	119	92	50	68	79	62	33	32	23	51	29	54	56	3428
111	Planting	585	26	38	41	55	47	38	59	59	68	48	66	58	47	59	57	59	61	70	54	50	63	1708
112	Sewing	3210	143	127	134	178	156	181	188	157	146	87	65	112	92	89	71	78	69	65	90	112	71	5621
114	Ships	3646	239	259	268	271	256	257	277	336	318	274	287	258	321	331	292	259	206	213	232	252	231	9283
116	Signals and Indicators	1004	63	82	58	57	52	40	51	59	66	75	65	73	60	48	48	57	63	82	58	53	53	2267
117	Single-Crystal, Oriented-Crystal, and Epitaxy Growth Processes; Non-Coating Apparatus Therefor	1261	129	151	177	138	127	203	236	226	190	187	178	191	175	184	206	221	152	163	125	183	177	4980
118	Coating Apparatus	3205	290	273	323	369	375	408	431	554	544	478	444	367	299	258	225	256	257	355	396	476	476	11059
119	Animal Husbandry	3059	277	291	248	279	283	456	391	357	356	438	434	298	304	325	297	234	231	305	363	404	398	10028
122	Liquid Heaters and Vaporizers	1419	68	99	47	59	35	86	82	82	82	82	86	65	64	46	43	52	56	51	48	56	61	2769
123	Internal-Combustion Engines	15868	1082	843	864	1076	1108	1294	1241	1397	1752	1776	1741	1664	1622	1836	1636	1513	1137	1283	1140	1263	1356	44492
124	Mechanical Guns and Projectors	938	84	92	108	104	138	106	109	101	82	79	114	138	81	71	95	76	80	146	145	130	164	3181
125	Stone Working	421	36	24	20	24	31	41	47	68	64	61	39	38	47	63	30	30	13	29	32	28	38	1224
126	Stoves and Furnaces	5192	149	167	169	139	143	162	230	224	184	122	164	166	154	78	61	62	71	169	157	178	213	8354
127	Sugar, Starch, and Carbohydrates	465	20	25	23	22	18	32	47	21	26	25	12	15	6	11	12	5	6	15	18	25	35	884
128	Surgery	3169	324	390	389	494	522	653	558	588	481	523	573	521	411	505	374	302	335	507	567	692	856	13734
131	Tobacco	2198	94	83	90	91	92	129	80	89	61	67	73	92	45	30	48	34	43	95	91	73	142	3840
132	Toilet	1369	103	130	96	136	140	244	322	239	188	169	157	102	66	94	113	72	81	88	128	182	180	4399
134	Cleaning and Liquid Contact with Solids	2654	270	317	321	303	322	433	549	438	462	514	554	390	302	272	284	267	287	390	446	465	509	10749
135	Tent, Canopy, Umbrella, or Cane	784	86	126	90	95	105	131	112	122	186	134	93	123	81	78	102	90	116	123	141	109	145	3172
136	Batteries: Thermoelectric and Photoelectric	1251	72	76	91	85	65	72	118	173	203	180	147	113	55	58	78	60	82	195	291	349	351	4165
137	Fluid Handling	9791	662	623	581	555	539	746	903	947	1020	722	673	686	693	678	539	443	407	531	477	719	925	23860
138	Pipes and Tubular Conduits	1718	81	111	127	114	110	172	240	275	216	177	158	135	152	150	88	90	137	134	141	134	150	4810
139	Textiles: Weaving	1909	100	110	119	100	98	109	89	137	156	98	41	67	95	102	45	56	80	69	37	36	27	3680

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
140	Wireworking	547	29	25	26	33	33	36	33	31	26	21	28	19	8	33	22	19	7	7	14	10	14	1021
141	Fluent Material Handling, with Receiver or Receiver Coacting Means	2363	217	255	209	228	215	237	298	251	347	312	289	333	268	276	232	133	143	209	184	270	288	7557
142	Wood Turning	40	1	1	1	3	2	1	5	2	2	0	1	0	0	0	0	0	1	0	0	0	0	60
144	Woodworking	1723	87	109	101	80	91	107	139	133	110	111	121	72	53	109	74	83	65	109	127	63	33	3700
147	Coopering	3	0	0	1	0	0	1	0	0	4	0	0	0	0	0	0	0	0	1	1	0	0	11
148	Metal Treatment	4264	386	367	378	339	293	393	406	403	469	479	470	345	227	202	191	202	229	339	308	392	376	11458
149	Explosive and Thermic Compositions or Charges	883	27	19	52	82	46	55	41	73	57	43	61	45	63	25	2	8	14	40	79	78	71	1864
150	Purses, Wallets, and Protective Covers	194	21	19	15	15	10	20	17	28	23	18	21	15	9	13	18	10	24	25	14	20	16	565
152	Resilient Tires and Wheels	1833	160	160	135	104	125	146	130	178	170	233	225	169	149	172	147	125	120	134	170	223	213	5221
156	Adhesive Bonding and Miscellaneous Chemical Manufacture	10023	767	758	806	751	887	1058	1128	1069	1075	1078	1188	1049	751	732	614	555	485	805	1102	1146	1238	29065
157	Wheelwright Machines	231	18	10	8	7	5	5	7	15	23	8	14	7	12	16	20	18	17	15	12	17	23	508
159	Concentrating Evaporators	333	26	10	12	11	5	14	9	8	5	8	3	7	14	7	5	4	7	9	9	8	9	523
160	Flexible or Portable Closure, Partition, or Panel	1546	123	122	125	159	165	173	171	244	212	172	188	193	169	162	138	98	112	179	142	168	183	4944
162	Paper Making and Fiber Liberation	2541	215	206	224	269	295	330	286	326	423	427	309	271	192	209	204	200	193	269	311	341	300	8341
163	Needle and Pin Making	12	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	15
164	Metal Founding	3457	258	260	175	196	200	225	244	162	205	261	290	201	218	235	183	104	105	153	207	242	166	7747
165	Heat Exchange	4956	307	335	253	301	266	346	380	371	420	373	346	417	424	544	359	253	251	306	290	303	298	12099
166	Wells	5775	417	528	407	308	248	386	422	518	632	525	595	648	515	840	755	745	693	1069	862	1074	1197	19159
168	Farriery	104	12	9	2	7	9	8	6	12	10	16	10	10	6	3	5	6	9	3	0	2	4	253
169	Fire Extinguishers	624	45	33	32	59	56	67	88	97	49	52	45	49	49	58	40	50	35	80	38	62	94	1802
171	Unearthing Plants or Buried Objects	160	8	6	8	5	5	6	2	7	4	5	6	5	4	6	1	1	2	7	6	3	2	259
172	Earth Working	1960	75	82	109	110	94	134	111	132	127	100	87	97	91	90	46	37	70	100	82	78	105	3917
173	Tool Driving or Impacting	1163	46	65	53	57	54	76	86	99	91	66	90	115	104	124	83	109	96	125	132	158	157	3149
174	Electricity: Conductors and Insulators	3478	336	364	404	355	317	488	416	516	914	954	792	751	682	655	640	628	620	679	736	917	980	16622
175	Boring or Penetrating the Earth	2639	160	223	170	181	154	214	233	270	306	276	261	229	203	275	265	280	256	385	383	356	379	8098
177	Weighing Scales	1478	90	75	41	36	60	111	92	57	69	84	87	94	65	85	83	69	71	63	51	65	51	2977
178	Telegraphy	555	32	26	42	55	40	36	32	10	14	11	11	14	5	10	7	2	1	5	7	21	32	968
180	Motor Vehicles	5137	327	340	215	303	198	356	416	457	491	537	570	506	571	577	588	610	681	863	766	787	910	16206
181	Acoustics	1870	113	98	112	111	101	154	173	171	126	152	179	144	126	72	110	142	151	202	229	220	244	5000
182	Fire Escape, Ladder, or Scaffold	1905	83	138	104	97	104	151	191	162	130	166	128	153	137	144	95	47	33	78	115	153	184	4498
184	Lubrication	624	71	54	53	59	42	53	44	60	69	66	62	41	39	41	34	31	18	50	69	66	88	1734
185	Motors: Spring, Weight, or Animal Powered	68	5	3	5	0	4	3	5	4	3	6	2	4	2	1	0	0	2	2	2	4	4	129
186	Merchandising	116	10	8	9	13	9	12	9	10	6	7	17	10	3	3	8	3	4	4	7	2	5	275
187	Elevator, Industrial Lift Truck, or Stationary Lift for Vehicle	1208	114	123	101	120	111	154	182	116	132	171	102	70	67	112	128	130	132	147	130	134	138	3822
188	Brakes	3411	212	238	275	295	203	253	307	295	481	448	315	251	290	302	261	240	212	230	268	341	391	9519

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
190	Trunks and Hand-Carried Luggage	317	24	26	37	37	31	37	38	39	47	40	47	23	26	31	22	21	20	19	32	21	37	972
191	Electricity: Transmission To Vehicles	232	20	16	10	13	21	18	15	14	35	23	15	13	14	12	5	2	11	10	18	14	26	557
192	Clutches and Power-Stop Control	3865	179	162	177	245	280	265	393	359	275	298	326	296	223	259	193	174	162	214	210	285	283	9123
193	Conveyors, Chutes, Skids, Guides, and Ways	314	20	13	14	9	11	4	26	26	35	28	17	16	11	19	16	15	20	15	15	9	20	673
194	Check-Actuated Control Mechanisms	692	60	68	89	83	51	56	84	81	66	34	56	45	52	36	31	18	36	68	40	73	70	1889
196	Mineral Oils: Apparatus	88	5	3	2	2	4	5	2	4	1	1	0	0	0	2	0	2	4	2	7	4	9	147
198	Conveyors: Power-Driven	5048	389	423	327	304	282	321	422	421	523	474	486	411	313	342	340	334	315	425	410	369	462	13141
199	Type Casting	2	0	0	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	4731	233	259	240	251	249	389	363	345	275	325	384	419	359	414	341	326	350	319	369	423	381	11745
201	Distillation: Processes, Thermolytic	366	1	6	13	5	14	12	3	5	3	1	3	3	4	9	0	5	9	16	19	19	19	535
202	Distillation: Apparatus	829	44	32	36	29	31	31	35	24	25	21	26	21	18	23	15	21	22	25	29	29	52	1418
203	Distillation: Processes, Separatory	1095	83	62	81	62	68	84	74	48	40	71	43	33	36	35	32	33	40	28	36	55	60	2199
204	Chemistry: Electrical and Wave Energy	6593	466	532	488	422	425	477	544	688	725	681	606	521	404	342	349	317	312	481	535	648	666	17222
205	Electrolysis: Processes, Compositions Used Therein, and Methods of Preparing the Compositions	5525	338	347	329	295	285	276	352	334	470	393	348	353	242	204	201	178	177	255	279	362	348	11891
206	Special Receptacle or Package	7275	597	655	632	631	614	853	872	804	685	618	561	486	530	493	384	529	445	632	570	590	616	20072
208	Mineral Oils: Processes and Products	4852	206	280	183	126	134	152	254	207	193	169	152	144	106	117	140	163	165	249	221	195	242	8650
209	Classifying, Separating, and Assorting Solids	3166	198	187	182	166	159	165	222	220	227	175	160	184	146	142	126	145	113	151	197	174	195	6800
210	Liquid Purification or Separation	12792	1199	955	1043	1120	1117	1163	1162	1182	1230	1051	1007	996	894	883	971	931	847	1012	1045	1193	1130	34923
211	Supports: Racks	2408	232	246	185	234	258	332	303	321	308	300	293	251	227	227	195	112	107	202	271	245	258	7515
212	Traversing Hoists	616	30	16	26	24	44	47	37	51	38	30	53	21	14	34	38	45	42	40	29	31	25	1331
213	Railway Draft Appliances	229	11	14	14	27	14	15	14	14	22	14	5	14	5	10	9	10	15	19	12	14	26	527
215	Bottles and Jars	2244	126	122	156	121	133	186	197	165	135	117	102	93	91	117	80	70	83	122	127	164	181	4932
216	Etching a Substrate: Processes	1366	229	205	208	156	192	238	229	215	224	246	257	229	197	241	228	233	198	210	297	352	454	6404
217	Wooden Receptacles	51	1	5	2	2	0	5	5	3	1	1	1	0	2	1	0	2	0	3	2	2	2	91
218	High-Voltage Switches with Arc Preventing or Extinguishing Devices	1034	34	39	26	52	34	79	55	47	65	60	48	57	33	30	22	14	23	36	34	77	53	1952
219	Electric Heating	9706	691	720	639	601	557	838	955	1162	1131	1121	1046	1085	950	1023	801	579	487	666	584	905	1111	27358
220	Receptacles	4885	413	393	377	383	347	453	515	482	488	402	283	285	230	288	216	187	291	389	467	544	736	13054
221	Article Dispensing	1422	114	110	119	127	85	135	145	153	174	141	184	151	98	142	100	81	73	111	106	75	100	3946
222	Dispensing	6227	510	573	520	466	437	558	790	628	649	641	448	470	420	415	344	238	264	488	428	490	677	16681
223	Apparel Apparatus	611	31	30	49	53	73	61	82	94	85	51	36	55	44	39	54	43	21	43	37	45	38	1675
224	Package and Article Carriers	2078	206	203	256	260	267	319	302	246	295	252	223	224	140	110	97	85	60	132	145	199	236	6335
225	Severing by Tearing or Breaking	542	36	36	32	31	23	36	35	21	26	29	37	37	30	31	17	12	14	19	14	25	20	1103
226	Advancing Material of Indeterminate Length	963	47	60	42	33	35	80	58	47	51	53	43	26	18	16	21	18	5	10	12	5	5	1648
227	Elongated-Member-Driving Apparatus	1236	70	78	93	106	123	126	110	124	94	83	120	148	133	175	132	145	159	224	266	262	317	4324
228	Metal Fusion Bonding	2611	299	273	241	204	203	181	259	371	384	328	300	304	257	191	136	199	176	315	288	264	237	8021

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
229	Envelopes, Wrappers, and Paperboard Boxes	2474	190	221	186	162	141	200	199	191	188	153	118	58	97	76	83	77	90	137	111	82	123	5357
231	Whips and Whip Apparatus	12	0	0	0	0	1	0	0	4	0	0	0	0	0	0	0	3	1	2	1	0	0	24
232	Deposit and Collection Receptacles	356	16	17	38	22	23	25	28	19	23	18	21	25	27	37	52	42	22	22	18	21	14	886
234	Selective Cutting (e.g., Punching)	27	0	1	0	0	0	0	0	0	0	0	2	3	2	8	1	3	0	2	0	1	2	52
235	Registers	2621	316	311	365	350	318	446	568	602	514	597	798	813	620	1041	1025	1085	1016	1191	1274	1249	1372	18492
236	Automatic Temperature and Humidity Regulation	1288	93	78	59	57	45	67	87	80	82	86	75	68	59	64	69	41	47	105	92	75	82	2799
237	Heating Systems	569	32	25	19	23	24	49	45	46	38	39	39	31	23	26	7	11	5	11	13	16	29	1120
238	Railways: Surface Track	442	14	17	20	27	20	31	14	21	32	36	24	23	14	19	10	14	10	34	33	32	32	919
239	Fluid Sprinkling, Spraying, and Diffusing	5269	398	421	340	306	354	531	574	639	479	498	537	633	513	557	361	297	294	451	396	343	426	14617
241	Solid Material Comminution or Disintegration	3050	247	236	225	249	218	245	281	212	174	198	215	156	148	201	238	190	238	302	331	270	275	7899
242	Winding, Tensioning, or Guiding	6320	447	549	367	445	421	574	536	528	442	506	462	367	338	339	316	291	223	236	222	177	199	14305
244	Aeronautics and Astronautics	3876	294	283	238	223	213	404	386	435	446	449	442	428	352	371	345	281	358	484	660	835	853	12656
245	Wire Fabrics and Structure	17	1	0	0	0	0	1	0	1	3	0	0	0	1	2	1	1	0	0	2	0	2	32
246	Railway Switches and Signals	324	26	29	33	38	37	45	16	31	33	37	37	24	16	29	27	19	20	27	24	29	33	934
248	Supports	6419	491	538	492	491	494	753	723	804	685	798	738	496	406	466	500	420	597	808	693	800	745	19357
249	Static Molds	1023	39	28	31	35	45	50	39	35	54	45	46	60	39	57	46	23	27	37	42	43	37	1881
250	Radiant Energy	12665	1072	1164	1110	1002	884	1121	1026	1036	1284	1478	1679	1781	1474	2281	2008	2213	2182	2278	1847	2083	2615	46283
251	Valves and Valve Actuation	3330	245	250	166	178	167	244	286	341	244	254	284	326	367	382	210	179	174	223	207	295	315	8667
252	Compositions	5720	542	535	502	532	502	666	655	602	511	431	554	529	326	441	421	435	433	642	715	830	918	17442
254	Implements or Apparatus for Applying Pushing or Pulling Force	1751	130	91	72	85	99	100	144	150	135	138	162	116	124	148	123	138	112	122	111	151	189	4391
256	Fences	584	39	34	38	45	54	51	49	62	70	46	73	57	64	54	35	48	53	44	44	41	46	1631
257	Active Solid-State Devices (e.g., Transistors, Solid-State Diodes)	7940	1006	1390	1368	1545	1622	2418	2623	2716	2979	3583	4300	4699	4303	4498	4313	4122	4675	6901	7028	6885	8528	89442
258	Railway Mail Delivery	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3
260	Chemistry of Carbon Compounds	32	8	6	3	1	3	4	0	3	10	2	2	2	2	0	1	5	3	2	2	0	1	92
261	Gas and Liquid Contact Apparatus	1947	86	67	75	101	92	86	111	119	136	130	124	121	78	117	108	98	103	104	128	160	137	4228
264	Plastic and Nonmetallic Article Shaping or Treating: Processes	10549	997	750	805	772	890	1112	995	975	997	885	998	988	656	646	540	505	525	1116	1007	966	1003	28677
266	Metallurgical Apparatus	2095	111	145	120	87	79	75	86	92	92	88	94	69	43	36	45	57	84	88	103	106	96	3891
267	Spring Devices	1610	146	124	107	117	110	119	149	158	184	220	177	109	82	113	99	102	65	77	97	129	140	4234
269	Work Holders	1433	87	74	57	82	64	104	127	137	123	122	122	95	86	89	64	52	35	69	125	191	236	3574
270	Sheet-Material Associating	757	52	55	63	60	63	68	34	33	60	45	52	66	32	54	48	75	119	139	208	163	134	2380
271	Sheet Feeding or Delivering	3182	351	287	261	229	242	202	324	319	358	289	379	251	219	215	215	338	436	561	567	537	625	10387
273	Amusement Devices: Games	3647	259	338	339	313	326	362	311	294	312	322	302	219	189	218	232	224	228	260	205	192	278	9370
276	Typesetting	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
277	Seal for a Joint or Juncture	2879	188	165	134	240	212	183	226	258	326	296	263	249	206	187	107	112	68	157	174	194	202	7026
278	Land Vehicles: Animal Draft	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
	Appliances																							
279	Chucks or Sockets	595	49	61	52	38	27	57	72	49	73	57	77	37	57	23	34	29	25	34	43	57	47	1593
280	Land Vehicles	9174	795	929	926	1012	817	1118	1184	1394	1502	1379	1152	1148	1112	1139	1165	1219	1170	1571	1353	1230	1613	34102
281	Books, Strips, and Leaves	433	55	37	45	37	46	51	71	54	48	34	19	24	17	15	8	13	10	28	11	13	10	1079
283	Printed Matter	687	88	97	100	75	79	120	138	126	117	77	54	66	33	33	24	30	18	47	47	46	69	2171
285	Pipe Joints or Couplings	3732	250	324	265	253	189	299	315	287	293	346	294	229	251	251	165	276	269	320	265	262	227	9362
289	Knots and Knot Tying	113	2	1	1	5	9	3	7	5	10	7	10	7	4	3	5	4	7	3	8	7	11	232
290	Prime-Mover Dynamo Plants	976	22	34	34	17	26	65	54	83	108	106	98	168	183	199	193	240	250	262	347	402	480	4347
291	Track Sanders	18	0	0	0	3	0	0	0	1	0	1	2	1	5	1	1	1	3	1	2	1	5	46
292	Closure Fasteners	2531	148	113	134	211	196	184	189	234	126	242	239	162	160	182	194	172	151	170	163	198	285	6384
293	Vehicle Fenders	414	25	21	19	15	22	30	28	32	61	56	55	69	74	54	60	56	53	48	62	72	52	1378
294	Handling: Hand and Hoist-Line Implements	2366	165	170	164	183	178	233	206	233	193	209	150	81	89	140	149	119	128	161	172	233	279	6001
295	Railway Wheels and Axles	43	1	1	0	4	4	0	9	2	3	4	5	4	1	0	1	1	1	3	0	1	1	89
296	Land Vehicles: Bodies and Tops	3670	292	278	239	318	287	436	539	626	796	730	781	788	731	822	745	702	662	864	710	823	890	16729
297	Chairs and Seats	3697	233	457	344	460	447	540	591	652	490	555	639	629	480	626	505	549	547	677	612	629	652	15011
298	Land Vehicles: Dumping	208	14	11	20	20	7	17	11	21	25	16	27	24	17	13	11	12	6	16	22	19	16	553
299	Mining or In Situ Disintegration of Hard Material	1654	55	39	43	40	45	39	39	45	57	53	45	36	36	36	29	67	43	43	63	60	89	2656
300	Brush, Broom, and Mop Making	97	9	9	13	12	15	12	12	5	12	12	13	12	8	3	6	8	8	10	9	13	16	314
301	Land Vehicles: Wheels and Axles	698	49	59	48	75	56	79	86	122	128	132	119	97	79	90	58	75	64	64	85	44	65	2372
303	Fluid-Pressure and Analogous Brake Systems	2153	223	218	220	217	191	216	231	274	302	247	187	132	142	139	118	142	95	131	130	153	136	5997
305	Wheel Substitutes for Land Vehicles	372	15	20	22	14	18	34	31	41	44	51	45	28	31	27	28	26	20	38	38	23	27	993
307	Electrical Transmission or Interconnection Systems	2098	178	138	164	222	275	320	386	327	277	289	316	301	143	286	289	318	431	555	660	637	616	9226
310	Electrical Generator or Motor Structure	6047	491	480	432	426	491	863	873	911	997	988	878	1365	1105	1052	917	968	1207	1403	1408	1203	1292	25797
312	Supports: Cabinet Structure	2207	195	163	213	193	191	235	263	272	207	250	219	207	174	130	121	113	113	210	187	298	300	6461
313	Electric Lamp and Discharge Devices	4349	269	206	299	397	376	607	610	556	601	729	1031	915	692	769	764	723	825	1141	1168	1123	928	19078
314	Electric Lamp and Discharge Devices: Consumable Electrodes	6	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0	0	0	0	10
315	Electric Lamp and Discharge Devices: Systems	4962	320	332	401	357	305	453	472	539	617	730	750	643	517	575	535	499	419	520	733	1069	1196	16944
318	Electricity: Motive Power Systems	5634	468	420	422	467	419	664	618	634	585	580	526	564	562	779	622	583	614	644	752	828	835	18220
320	Electricity: Battery or Capacitor Charging or Discharging	873	122	110	102	149	267	245	323	361	397	355	295	251	208	183	186	246	503	623	558	802	731	7890
322	Electricity: Single Generator Systems	569	42	36	18	55	53	62	37	49	50	38	37	62	36	66	75	62	75	48	63	65	59	1657
323	Electricity: Power Supply or Regulation Systems	1841	110	131	168	197	260	267	312	305	334	327	292	277	294	400	384	375	491	576	602	601	665	9209
324	Electricity: Measuring and Testing	9444	874	829	1020	1242	986	984	936	1179	1475	1896	1835	1821	1686	1953	1801	1701	1738	1984	1740	1775	2003	40902
326	Electronic Digital Logic Circuitry	2296	242	289	356	374	313	335	360	545	596	596	523	562	517	550	667	658	578	748	603	339	496	12543
327	Miscellaneous Active Electrical Nonlinear Devices, Circuits, and	5554	393	532	642	717	597	989	1094	1219	1412	1457	1261	1207	1071	1292	1174	1038	1236	1517	1331	1229	1647	28609

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
	Systems																							
329	Demodulators	517	17	30	42	28	31	36	30	36	32	17	24	27	17	17	9	16	21	19	23	26	5	1020
330	Amplifiers	3118	195	269	252	208	210	266	354	426	451	477	551	589	478	651	652	639	612	666	558	506	510	12638
331	Oscillators	2168	127	158	173	169	176	228	220	268	299	223	346	356	293	380	397	376	407	449	409	350	289	8261
332	Modulators	374	21	33	48	39	24	41	35	27	32	25	37	21	21	25	29	18	32	64	55	42	27	1070
333	Wave Transmission Lines and Networks	3347	204	265	236	218	215	339	346	358	309	472	590	538	514	482	398	427	491	478	473	461	407	11568
334	Tuners	98	2	2	1	0	0	4	4	1	2	4	2	1	3	4	1	2	3	5	0	1	1	141
335	Electricity: Magnetically Operated Switches, Magnets, and Electromagnets	2465	154	195	156	179	151	123	220	193	222	202	204	243	245	240	154	136	188	231	192	289	300	6682
336	Inductor Devices	896	55	68	66	76	48	110	102	127	136	179	203	184	243	222	205	185	152	257	292	263	238	4307
337	Electricity: Electrothermally or Thermally Actuated Switches	1257	63	46	31	39	69	99	105	64	48	76	106	81	38	46	40	49	58	61	44	43	29	2492
338	Electrical Resistors	1558	92	106	49	67	63	86	118	103	100	105	80	53	50	97	69	47	49	97	99	112	101	3301
340	Communications: Electrical	8409	651	657	828	953	1065	1381	1381	1541	1431	1305	1092	1486	1490	2208	1718	1903	1870	2209	2282	2747	2883	41490
341	Coded Data Generation or Conversion	2855	291	251	313	320	474	569	443	461	645	769	724	722	653	817	805	884	748	806	762	649	767	15728
342	Communications: Directive Radio Wave Systems and Devices (e.g., Radar, Radio Navigation)	3536	301	354	341	418	300	404	463	500	530	594	565	586	421	516	496	541	685	711	805	750	584	14401
343	Communications: Radio Wave Antennas	2529	234	207	217	262	250	306	555	608	759	779	594	610	779	893	730	810	785	835	757	763	880	15142
345	Computer Graphics Processing and Selective Visual Display Systems	3897	533	703	761	906	1051	1667	1571	1635	1876	1867	1885	2171	2008	2940	2489	2352	2596	3321	3523	4854	5858	50464
346	Recorders	1049	49	61	33	20	9	17	22	22	12	12	5	2	4	4	4	2	1	1	1	4	1	1335
347	Incremental Printing of Symbolic Information	4330	471	410	500	597	596	1049	1028	1414	1757	1881	1712	1578	1337	1485	1554	1831	1678	2266	2260	2277	2467	34478
348	Television	8804	839	962	940	1044	860	1157	1098	1036	1016	1053	1069	1280	1098	1603	1372	1634	1945	2338	2780	4330	4281	42539
349	Liquid Crystal Cells, Elements and Systems	1846	237	244	257	385	375	601	509	653	621	628	859	1007	993	951	842	997	1409	1692	1845	1872	1663	20486
351	Optics: Eye Examining, Vision Testing and Correcting	1761	167	149	202	203	196	279	324	313	296	261	315	311	245	296	364	417	379	438	454	392	439	8201
352	Optics: Motion Pictures	585	15	10	13	21	23	18	26	22	20	18	26	36	21	23	17	12	11	13	12	17	11	970
353	Optics: Image Projectors	749	66	72	87	85	95	113	97	101	133	212	257	305	269	403	382	342	252	318	518	449	447	5752
355	Photocopying	3046	126	159	150	95	191	224	252	226	321	269	300	365	345	469	393	399	283	321	355	383	393	9065
356	Optics: Measuring and Testing	7178	590	667	768	709	729	1050	986	1033	708	884	1262	1222	1100	1387	1540	1665	1576	1708	1564	1404	1580	31310
358	Facsimile and Static Presentation Processing	3545	525	630	587	724	636	916	779	745	678	717	791	825	915	1350	1290	1355	1462	1701	1935	2536	3152	27794
359	Optical: Systems and Elements	9012	864	754	753	1063	1120	1604	1563	1651	1773	1844	1911	2088	2011	2372	2024	2066	2033	2380	2265	2020	2244	45415
360	Dynamic Magnetic Information Storage or Retrieval	7559	705	764	781	702	754	1123	1143	1212	1121	1200	1251	1471	1129	1472	1137	1085	1135	1055	1060	1073	864	29796
361	Electricity: Electrical Systems and Devices	8126	714	698	855	972	852	1387	1291	1391	1608	1934	1891	1856	1453	1712	1891	2005	2126	2498	2603	2642	2894	43399
362	Illumination	5079	401	430	539	531	537	648	670	879	968	979	1089	920	958	1261	1377	1200	1346	1819	1632	1784	2263	27310
363	Electric Power Conversion Systems	2911	177	217	222	259	375	403	511	459	489	488	359	308	292	351	309	330	398	475	479	531	673	11016
	Static Information Storage and																							

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
365	Retrieval	4870	628	1016	922	1009	1140	1515	1761	1929	1981	1970	1956	2009	2018	2177	2296	2339	2386	2738	2765	2667	2732	44824
366	Agitating	2601	143	193	175	225	160	213	214	204	243	191	205	180	164	147	157	182	125	163	185	258	197	6525
367	Communications, Electrical: Acoustic Wave Systems and Devices	3026	225	207	189	228	173	222	166	193	150	134	134	143	147	143	180	241	217	276	240	277	343	7254
368	Horology: Time Measuring Systems or Devices	2451	139	135	100	114	117	145	140	132	183	158	168	167	125	176	152	198	151	192	159	173	220	5695
369	Dynamic Information Storage or Retrieval	3834	599	555	641	720	722	926	790	793	833	868	933	941	738	1200	1170	1151	1060	1309	1410	1089	861	23143
370	Multiplex Communications	4189	526	744	872	1041	911	1233	1520	1832	1942	2241	2576	2924	2745	3823	3185	4531	5305	7415	7718	8401	9289	74963
372	Coherent Light Generators	3842	447	560	412	351	353	504	466	473	454	442	702	864	612	591	413	491	577	731	548	482	479	14794
373	Industrial Electric Heating Furnaces	867	58	45	51	55	27	36	72	56	36	42	30	29	14	24	13	11	3	10	7	6	16	1508
374	Thermal Measuring and Testing	1711	137	125	59	62	127	193	98	176	138	138	150	145	160	176	100	164	217	221	186	299	246	5028
375	Pulse or Digital Communications	3877	519	610	718	857	869	1243	1248	1346	1357	1462	1572	1679	1570	2398	2131	2290	2280	3024	3073	4369	4501	42993
376	Induced Nuclear Reactions: Processes, Systems, and Elements	3542	299	294	185	171	137	185	156	82	115	110	110	94	83	36	28	40	61	70	90	107	148	6143
377	Electrical Pulse Counters, Pulse Dividers, or Shift Registers: Circuits and Systems	1377	75	74	80	53	45	53	52	66	45	65	31	40	54	31	27	38	41	50	55	64	60	2476
378	X-Ray or Gamma Ray Systems or Devices	3277	258	218	279	313	276	316	269	379	534	600	451	429	467	633	565	610	698	745	611	531	533	12992
379	Telephonic Communications	4698	358	496	648	739	621	1048	1108	921	969	997	1058	1301	935	1257	905	706	788	941	1120	1408	1540	24562
380	Cryptography	1042	140	135	137	141	171	235	158	236	206	168	98	168	224	369	411	374	490	582	616	772	868	7741
381	Electrical Audio Signal Processing Systems and Devices	2502	223	206	257	287	331	510	326	363	278	321	400	493	369	625	518	465	492	675	1061	2075	1516	14293
382	Image Analysis	2874	429	419	407	550	657	1325	1355	1245	1416	1243	1630	1788	1364	2305	2162	2430	2626	3370	3742	5145	5149	43631
383	Flexible Bags	950	80	85	65	68	61	89	117	134	133	100	81	67	82	68	61	46	55	64	68	76	94	2644
384	Bearings	3265	215	208	227	258	196	258	266	268	311	305	299	266	240	256	214	210	225	262	268	336	404	8757
385	Optical Waveguides	5151	613	578	563	573	675	863	838	867	1322	1616	1900	2007	1917	1979	1816	1621	1315	1266	833	944	1187	30444
386	Motion Video Signal Processing for Recording or Reproducing	2012	183	160	179	277	225	334	338	310	334	375	349	361	266	397	479	487	492	585	602	774	835	10354
388	Electricity: Motor Control Systems	537	15	24	22	21	19	18	25	21	11	15	9	14	5	13	10	14	11	18	12	6	2	842
392	Electric Resistance Heating Devices	893	76	79	71	55	66	91	117	131	129	108	80	87	119	125	99	58	63	94	111	114	109	2875
396	Photography	6723	487	531	483	694	752	967	728	673	522	571	475	440	218	228	188	364	612	748	590	454	465	17913
398	Optical Communications	1122	120	225	214	261	200	298	338	292	341	407	441	393	306	616	650	598	635	712	764	899	939	10771
399	Electrophotography	5524	685	682	634	900	727	1064	1080	956	931	942	924	972	895	1175	1246	1301	1301	1752	1879	1986	2017	29573
400	Typewriting Machines	3549	240	208	238	256	222	321	329	307	243	263	268	288	263	262	212	153	124	143	141	156	153	8339
401	Coating Implements with Material Supply	1359	102	118	87	75	67	122	263	225	296	239	199	202	182	195	173	162	128	163	154	231	217	4959
402	Binder Device Releasably Engaging Aperture or Notch of Sheet	341	30	29	29	25	38	51	47	52	47	36	33	31	22	16	16	16	20	39	16	13	25	972
403	Joints and Connections	3048	183	159	170	223	253	271	199	242	296	295	271	243	162	142	101	132	111	132	120	160	156	7069
404	Road Structure, Process, or Apparatus	1389	145	128	137	138	103	108	147	141	117	152	149	155	125	175	149	140	143	160	166	161	203	4431
405	Hydraulic and Earth Engineering	4836	384	286	269	364	267	387	350	285	287	341	331	301	250	330	208	243	228	287	284	270	348	11136
406	Conveyors: Fluid Current	1039	58	25	22	51	35	43	31	49	65	68	48	30	21	33	28	27	30	30	28	32	41	1834

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
407	Cutters, for Shaping	675	70	39	26	40	49	77	83	84	72	39	77	81	63	73	58	65	77	58	83	66	119	2074
408	Cutting by Use of Rotating Axially Moving Tool	1580	111	129	105	83	101	150	170	95	130	86	104	60	81	121	105	82	89	81	86	93	120	3762
409	Gear Cutting, Milling, or Planing	1251	82	87	71	66	91	108	117	115	91	106	97	87	86	97	121	82	63	51	69	51	77	3066
410	Freight Accommodation On Freight Carrier	664	29	39	52	47	38	61	71	97	89	80	95	103	80	98	78	83	72	93	97	107	131	2304
411	Expanded, Threaded, Driven, Headed, Tool-Deformed, or Locked-Threaded Fastener	2219	183	165	157	171	185	229	197	202	194	176	155	179	142	158	121	96	79	169	173	188	269	5807
412	Bookbinding: Process and Apparatus	210	22	23	22	16	26	20	25	37	26	26	22	19	13	8	9	13	15	34	22	28	19	655
413	Sheet Metal Container Making	191	8	8	1	6	10	11	16	7	3	7	10	12	8	7	4	6	1	2	4	5	4	331
414	Material or Article Handling	6991	435	453	465	478	412	456	485	575	406	464	435	391	291	301	239	225	245	305	318	311	311	14992
415	Rotary Kinetic Fluid Motors or Pumps	2430	244	219	186	234	167	189	189	275	301	380	384	329	363	396	337	285	299	406	470	898	664	9645
416	Fluid Reaction Surfaces (i.e., Impellers)	2021	192	168	158	168	139	131	160	236	238	287	223	212	189	256	269	237	255	307	491	675	531	7543
417	Pumps	5154	443	387	310	423	354	368	443	676	687	646	627	432	269	356	230	235	246	312	404	717	643	14362
418	Rotary Expansible Chamber Devices	1991	134	154	145	155	110	130	96	283	231	171	168	142	95	123	121	133	147	145	143	164	170	5151
419	Powder Metallurgy Processes	946	34	94	106	90	73	70	102	75	75	69	88	63	40	42	40	44	49	73	49	43	43	2308
420	Alloys or Metallic Compositions	1793	89	101	80	69	57	65	80	58	68	67	59	73	39	18	17	32	38	61	50	65	64	3043
422	Chemical Apparatus and Process Disinfecting, Deodorizing, Preserving, or Sterilizing	5358	592	578	640	554	496	612	678	589	629	626	700	608	508	486	625	620	693	1148	1154	1304	1299	20497
423	Chemistry of Inorganic Compounds	9033	541	486	426	409	386	428	494	477	496	484	492	439	378	498	369	410	537	801	673	698	849	19804
424	Drug, Bio-Affecting and Body Treating Compositions	10107	1280	1268	1368	1610	2507	2954	3199	2788	3198	3255	3088	2203	1763	2236	1957	1868	1827	2843	2895	3847	4667	62728
425	Plastic Article or Earthenware Shaping or Treating: Apparatus	6099	427	424	361	377	397	474	386	384	460	410	389	430	276	503	501	416	351	465	495	480	496	15001
426	Food or Edible Material: Processes, Compositions, and Products	8243	625	561	584	635	532	620	883	915	866	734	684	582	325	402	322	242	285	441	462	590	658	20191
427	Coating Processes	8965	695	830	781	782	874	967	1057	1090	961	1006	996	942	698	483	580	559	729	1117	1051	1309	1194	27666
428	Stock Material or Miscellaneous Articles	20763	1833	1916	1981	2202	2357	2782	2990	2772	2955	3110	3221	3223	2278	1960	1873	1609	1709	2497	2755	2684	2788	72258
429	Chemistry: Electrical Current Producing Apparatus, Product, and Process	4268	355	387	444	534	486	496	499	670	791	892	926	941	764	789	766	750	996	1717	1606	1952	2059	23088
430	Radiation Imagery Chemistry: Process, Composition, or Product Thereof	13043	1468	1588	1464	1429	1358	1653	1759	1818	1752	1633	1618	1525	1094	1337	1154	1111	1131	1386	1309	1354	1358	43342
431	Combustion	2525	159	156	182	166	130	191	256	234	196	171	187	181	169	103	77	57	101	103	109	98	119	5670
432	Heating	2057	80	61	48	53	71	112	136	100	107	88	101	59	48	38	32	41	30	44	42	33	42	3423
433	Dentistry	3255	264	296	211	262	262	443	400	366	455	336	266	240	243	317	257	170	105	212	234	295	333	9222
434	Education and Demonstration	2127	234	192	181	203	172	286	275	288	227	249	270	258	226	184	144	111	105	130	175	281	424	6742
435	Chemistry: Molecular Biology and Microbiology	9551	1503	1424	1498	2079	2838	4011	3986	3451	3933	3527	3078	2673	2392	3118	2923	2681	2709	3711	3740	3707	3911	72444
436	Chemistry: Analytical and Immunological Testing	3160	342	290	317	323	319	455	464	365	408	441	445	410	339	316	394	418	428	642	695	639	670	12280
438	Semiconductor Device Manufacturing: Process	7169	1140	1233	1484	1407	1774	2300	3415	4486	5672	5480	5119	5126	4473	4814	4502	4531	4910	6141	5909	5176	5572	91833

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
439	Electrical Connectors	9765	938	950	935	994	1201	1313	1665	2243	2232	1972	1712	1991	1807	2291	1938	2178	2074	2400	2248	1822	1761	46430
440	Marine Propulsion	1419	135	138	133	139	119	152	161	211	223	212	205	205	203	191	184	168	140	107	121	135	118	4819
441	Buoys, Rafts, and Aquatic Devices	858	63	94	81	75	82	94	85	93	92	82	90	82	78	101	85	65	51	69	54	67	73	2514
442	Fabric (Woven, Knitted, or Nonwoven Textile or Cloth, Etc.)	1871	174	169	176	167	178	217	222	222	170	116	171	198	105	101	109	127	145	249	199	141	123	5350
445	Electric Lamp or Space Discharge Component or Device Manufacturing	707	70	45	44	74	95	115	132	165	106	106	163	186	177	185	124	95	119	144	165	147	113	3277
446	Amusement Devices: Toys	2800	171	217	174	183	136	257	260	330	285	309	367	281	174	154	137	128	122	182	195	169	189	7220
449	Bee Culture	115	1	5	2	3	7	3	3	3	1	6	7	3	3	4	1	3	4	3	6	2	7	192
450	Foundation Garments	193	9	5	16	9	20	28	42	58	52	54	24	39	39	42	43	43	35	49	48	76	57	981
451	Abrading	3704	308	283	284	351	426	400	530	671	852	791	737	729	738	808	522	321	292	297	319	418	470	14251
452	Butchering	1385	109	113	86	95	65	92	89	114	102	53	67	50	49	95	84	87	89	92	81	74	90	3161
453	Coin Handling	277	18	22	27	29	13	16	24	30	24	16	35	27	10	20	17	14	16	16	4	9	15	679
454	Ventilation	1509	120	134	114	116	134	177	149	171	197	176	176	161	129	114	79	72	99	87	76	86	126	4202
455	Telecommunications	3402	413	464	586	779	642	1200	1545	1876	1820	1773	1780	2172	2281	4073	3510	3131	3371	4311	5578	7615	8259	60581
460	Crop Threshing or Separating	378	18	23	32	37	18	33	34	30	33	41	31	44	42	38	33	26	34	38	34	40	19	1056
462	Books, Strips, and Leaves for Manifolding	143	20	14	12	3	2	2	3	3	5	5	1	1	0	1	1	2	0	0	0	1	2	221
463	Amusement Devices: Games	703	75	82	89	91	129	228	201	238	354	351	455	422	372	315	318	413	379	802	949	1677	1774	10417
464	Rotary Shafts, Gudgeons, Housings, and Flexible Couplings for Rotary Shafts	1353	93	107	74	95	114	148	105	117	233	135	103	124	94	123	87	103	81	127	134	164	173	3887
470	Threaded, Headed Fastener, or Washer Making: Process and Apparatus	176	13	6	6	7	16	18	15	12	12	10	13	13	8	14	6	16	6	6	9	5	7	394
472	Amusement Devices	417	45	36	44	51	44	69	55	56	45	57	52	56	56	37	30	36	25	80	85	72	77	1525
473	Games Using Tangible Projectile	4184	445	582	617	582	578	795	638	562	597	627	666	610	583	718	640	534	546	734	753	792	813	17596
474	Endless Belt Power Transmission Systems or Components	2006	188	165	156	103	129	149	138	186	137	194	171	130	127	168	128	92	82	177	222	176	169	5193
475	Planetary Gear Transmission Systems or Components	1776	147	138	141	160	173	168	260	213	144	214	311	303	237	311	342	280	297	350	404	483	596	7448
476	Friction Gear Transmission Systems or Components	163	13	12	12	22	16	13	25	38	35	36	36	25	30	32	29	21	15	15	17	18	13	636
477	Interrelated Power Delivery Controls, Including Engine Control	1708	98	83	138	144	181	204	212	202	147	181	216	162	169	158	184	170	183	216	225	320	285	5586
482	Exercise Devices	2902	310	358	326	370	396	451	411	415	371	351	372	364	283	460	349	360	460	650	680	393	364	11396
483	Tool Changing	433	34	33	30	12	28	30	39	36	22	36	22	21	15	27	29	28	20	12	9	15	22	953
492	Roll or Roller	377	26	18	31	22	31	52	38	28	43	46	38	34	27	15	17	12	18	25	29	29	21	977
493	Manufacturing Container or Tube From Paper; or Other Manufacturing From a Sheet or Web	1779	135	97	95	114	89	154	149	171	137	88	151	147	120	103	86	136	93	104	84	94	110	4236
494	Imperforate Bowl: Centrifugal Separators	669	38	48	30	52	37	49	53	50	47	48	57	49	41	54	33	37	29	33	47	53	46	1600
501	Compositions: Ceramic	2814	323	316	235	226	216	211	241	207	228	229	227	195	158	180	149	136	190	211	191	205	190	7278
502	Catalyst, Solid Sorbent, or Support Therefor: Product or Process of Making	6277	447	358	317	313	283	369	389	478	414	437	401	386	366	346	337	283	371	520	396	438	455	14381

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
503	Record Receiver Having Plural Interactive Leaves or a Colorless Color Former, Method of Use, or Developer Therefor	1269	182	207	145	121	115	112	125	83	79	56	55	67	49	57	44	40	32	40	54	81	74	3087
504	Plant Protecting and Regulating Compositions	4308	241	201	203	230	265	227	233	229	216	210	169	128	113	86	56	46	56	93	90	196	242	7838
505	Superconductor Technology: Apparatus, Material, Process	753	263	211	155	130	93	87	107	75	62	54	52	42	28	23	20	14	33	52	45	86	92	2477
506	Combinatorial Chemistry Technology: Method, Library, Apparatus	7	4	5	10	34	42	94	94	123	125	151	204	110	78	8	11	26	30	63	63	40	75	1397
507	Earth Boring, Well Treating, and Oil Field Chemistry	1004	44	35	35	36	74	64	60	59	65	44	69	83	50	69	75	66	118	181	200	142	140	2713
508	Solid Anti-Friction Devices, Materials Therefor, Lubricant or Separant Compositions for Moving Solid Surfaces, and Miscellaneous Mineral Oil Compositions	2532	201	220	188	196	179	203	183	188	210	156	176	130	70	60	68	76	100	184	196	195	219	5930
510	Cleaning Compositions for Solid Surfaces, Auxiliary Compositions Therefor, or Processes of Preparing the Compositions	3206	236	256	350	370	348	556	618	522	592	618	544	436	310	367	273	274	296	329	373	339	313	11526
512	Perfume Compositions	524	30	35	18	28	19	23	14	30	27	23	27	21	16	30	34	18	22	39	15	20	36	1049
514	Drug, Bio-Affecting and Body Treating Compositions	28724	2581	2130	2521	2933	3615	3833	3967	3949	4101	4289	3863	2972	2713	3310	3118	2920	3487	4712	4601	5367	6328	106034
516	Colloid Systems and Wetting Agents; Subcombinations Thereof; Processes Of	772	55	67	47	58	71	67	62	72	72	71	75	35	18	36	37	31	55	93	66	53	40	1953
518	Chemistry: Fischer-Tropsch Processes; or Purification or Recovery of Products Thereof	448	14	8	17	14	8	23	25	38	46	40	52	58	43	61	36	34	20	47	48	57	78	1215
520	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
521	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	3759	267	231	213	211	228	268	217	248	241	237	237	190	115	85	85	56	67	130	169	196	216	7666
522	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	905	69	69	102	95	82	122	119	128	123	132	115	102	91	117	97	73	87	131	99	90	134	3082
523	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	3709	280	283	235	262	230	297	375	378	341	305	261	223	158	204	170	183	197	288	303	302	380	9364
524	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	10802	888	910	768	806	725	823	996	874	938	938	914	855	549	581	566	481	553	823	820	867	967	27444
525	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	9578	1057	1077	756	766	661	706	652	714	770	765	696	600	469	510	467	366	365	646	660	592	734	23607
526	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	4357	442	355	367	343	380	412	321	414	652	624	657	560	402	429	331	305	303	459	447	396	461	13417
527	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	161	15	6	6	4	8	13	8	5	4	3	3	2	4	4	0	3	2	11	7	7	11	287
528	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	7862	718	660	552	525	596	646	603	591	637	595	515	506	348	528	369	304	354	532	522	466	641	19070
530	Chemistry: Natural Resins or Derivatives; Peptides or Proteins; Lignins or Reaction Products Thereof	2898	366	303	297	347	548	728	724	557	608	573	540	482	454	751	880	903	748	823	841	699	802	15872
534	Organic Compounds -- Part of the Class 532-570 Series	1526	102	89	82	115	84	110	77	61	53	53	40	39	31	55	28	30	22	28	26	20	21	2692
536	Organic Compounds -- Part of the Class	2363	217	196	342	383	498	656	583	466	555	562	536	452	403	556	480	525	552	718	740	710	688	13181

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
	532-570 Series																							
540	Organic Compounds -- Part of the Class 532-570 Series	3066	174	134	158	198	187	168	157	126	131	136	91	70	70	117	71	91	94	106	103	134	96	5678
544	Organic Compounds -- Part of the Class 532-570 Series	3563	226	173	197	203	208	241	229	210	220	247	187	159	153	256	193	158	198	265	275	358	377	8296
546	Organic Compounds -- Part of the Class 532-570 Series	3398	247	224	233	218	269	214	257	236	231	265	256	192	207	271	233	292	381	369	455	571	606	9625
548	Organic Compounds -- Part of the Class 532-570 Series	4215	315	282	289	308	267	271	321	282	272	293	231	161	167	232	217	242	294	355	380	361	408	10163
549	Organic Compounds -- Part of the Class 532-570 Series	4218	319	264	237	234	274	244	280	284	244	328	230	222	170	196	155	168	206	221	214	271	349	9328
552	Organic Compounds -- Part of the Class 532-570 Series	998	40	37	46	49	40	40	47	34	39	53	29	27	22	22	17	11	9	14	28	36	21	1659
554	Organic Compounds -- Part of the Class 532-570 Series	1054	79	74	89	63	49	75	98	71	110	113	70	64	56	60	35	30	91	65	67	84	99	2596
556	Organic Compounds -- Part of the Class 532-570 Series	2139	226	184	158	190	179	150	212	194	218	201	141	126	103	152	139	119	108	144	138	129	162	5512
558	Organic Compounds -- Part of the Class 532-570 Series	2598	175	121	136	129	128	148	135	134	130	137	111	93	62	81	62	68	87	84	71	85	76	4851
560	Organic Compounds -- Part of the Class 532-570 Series	4072	302	217	181	171	194	223	190	191	203	261	201	165	142	173	150	174	134	143	138	155	199	7979
562	Organic Compounds -- Part of the Class 532-570 Series	3295	242	195	166	149	156	215	206	196	189	231	202	169	133	179	165	220	172	169	165	204	196	7214
564	Organic Compounds -- Part of the Class 532-570 Series	2904	188	182	181	144	195	215	203	214	202	243	169	159	148	187	206	230	190	197	208	227	251	7043
568	Organic Compounds -- Part of the Class 532-570 Series	5699	344	321	307	209	233	378	308	276	390	392	293	251	223	287	241	234	201	293	232	272	368	11752
570	Organic Compounds -- Part of the Class 532-570 Series	884	81	81	87	68	71	113	80	79	99	69	40	44	41	63	52	41	32	54	84	73	91	2327
585	Chemistry of Hydrocarbon Compounds	3457	295	253	231	204	172	245	269	231	224	250	170	158	149	163	224	243	231	249	299	305	384	8406
588	Hazardous or Toxic Waste Destruction or Containment	672	49	71	91	109	81	86	71	60	50	60	45	15	20	27	22	20	28	42	41	45	40	1745
600	Surgery	7676	942	1093	1091	1011	1050	1641	1549	1777	1768	1939	2123	1581	1205	1328	1219	1105	1308	2144	2293	2942	3534	42319
601	Surgery: Kinesitherapy	1197	102	78	103	91	84	141	92	101	153	118	122	105	87	122	125	111	92	118	154	167	193	3656
602	Surgery: Splint, Brace, or Bandage	1475	111	133	187	134	139	235	212	225	185	153	185	149	159	176	132	115	149	226	259	250	210	5199
604	Surgery	8121	982	1288	1191	1090	1095	1484	1353	1191	1252	1263	1718	1154	873	855	738	750	908	1722	1840	2209	2552	35629
606	Surgery	4388	666	836	881	923	1228	1466	1583	1602	1434	1245	1625	1128	904	1071	986	768	1012	1875	2214	2895	3321	34051
607	Surgery: Light, Thermal, and Electrical Application	2185	252	341	354	330	321	524	458	517	569	579	609	532	512	699	703	475	609	974	1152	1335	1677	15707
623	Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor	2422	217	282	233	348	347	452	512	609	724	708	773	721	523	635	541	453	614	927	1159	1297	1514	16011
700	Data Processing: Generic Control Systems or Specific Applications	3375	390	452	376	464	353	664	540	470	668	850	1024	1132	1003	1306	975	904	853	1270	1368	1601	1908	21946
701	Data Processing: Vehicles, Navigation, and Relative Location	2709	294	328	413	427	330	508	681	826	1250	1268	1192	1213	1167	1084	1130	1151	1215	1795	2138	3222	4175	28516
702	Data Processing: Measuring, Calibrating, or Testing	2337	224	287	218	368	349	522	513	522	574	957	1291	1514	1491	1710	1516	1409	1302	1543	1656	1797	1782	23882
	Data Processing: Structural Design,																							

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
703	Modeling, Simulation, and Emulation	360	56	91	113	156	229	304	304	292	277	184	170	268	378	647	483	511	563	679	720	832	810	8427
704	Data Processing: Speech Signal Processing, Linguistics, Language Translation, and Audio Compression/Decompression	1377	187	187	159	211	366	614	631	534	612	574	427	531	426	857	770	805	765	969	1084	1340	1574	15000
705	Data Processing: Financial, Business Practice, Management, or Cost/Price Determination	911	163	171	119	155	249	489	720	736	485	458	444	323	777	1277	1177	1694	1996	4059	4064	4862	5904	31233
706	Data Processing: Artificial Intelligence	342	171	153	182	163	203	308	129	131	155	169	251	159	207	247	206	349	473	639	760	815	961	7173
707	Data Processing: Database and File Management or Data Structures	416	143	170	237	341	395	900	977	848	935	1253	1330	1406	1159	1784	1685	1903	2811	4441	4244	4973	5086	37437
708	Electrical Computers: Arithmetic Processing and Calculating	2863	302	275	236	277	263	387	405	297	292	256	257	288	231	363	237	305	283	314	315	322	498	9266
709	Electrical Computers and Digital Processing Systems: Multicomputer Data Transferring	441	113	129	163	334	309	956	1018	1161	1155	1246	1173	1586	1592	2431	2358	2682	3293	4652	4871	5313	5380	42356
710	Electrical Computers and Digital Data Processing Systems: Input/Output	1854	290	337	359	583	641	1010	1062	1012	909	865	980	1263	955	1146	813	915	1093	1425	1296	1310	1207	21325
711	Electrical Computers and Digital Processing Systems: Memory	1755	258	359	409	570	580	864	851	897	1011	1182	1265	1321	1293	1736	1474	1738	1606	1756	2048	2524	2400	27897
712	Electrical Computers and Digital Processing Systems: Processing Architectures and Instruction Processing (e.g., Processors)	1242	150	181	258	358	402	669	668	491	503	373	311	371	336	375	352	425	408	533	523	357	380	9666
713	Electrical Computers and Digital Processing Systems: Support	622	142	174	241	286	340	587	582	532	607	567	679	828	981	1647	1645	1855	1871	2248	2182	2617	3030	24263
714	Error Detection/Correction and Fault Detection/Recovery	3356	378	492	664	759	708	1071	1043	986	984	963	1275	1271	1182	1782	1891	1955	2097	2385	2390	2484	2883	32999
715	Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing	668	147	212	266	374	430	698	712	678	686	646	647	626	739	1039	1021	1028	1344	1723	1535	1959	2235	19413
716	Computer-Aided Design and Analysis of Circuits and Semiconductor Masks	191	64	72	111	165	160	241	230	207	365	489	725	567	514	844	733	826	791	948	1054	1186	1313	11796
717	Data Processing: Software Development, Installation, and Management	138	54	97	122	130	133	318	415	381	514	341	349	421	481	763	719	714	830	1315	1104	1515	2119	12973
718	Electrical Computers and Digital Processing Systems: Virtual Machine Task or Process Management or Task Management/Control	216	46	83	88	57	80	106	98	102	123	114	119	179	181	256	188	220	261	412	399	798	1007	5133
719	Electrical Computers and Digital Processing Systems: Interprogram Communication or Interprocess Communication (Ipc)	35	18	33	52	58	56	108	90	93	162	150	123	248	234	289	179	333	361	392	394	475	531	4414
720	Dynamic Optical Information Storage or Retrieval	437	62	47	41	86	77	133	152	100	164	185	171	200	221	270	233	257	198	167	197	181	156	3735
725	Interactive Video Distribution Systems	378	47	66	73	165	154	256	241	175	204	166	207	227	171	354	261	233	494	723	850	1011	1407	7863
726	Information Security	76	15	23	20	43	56	113	190	219	207	140	137	224	229	508	615	710	984	1370	1544	2246	3095	12764
800	Multicellular Living Organisms and Unmodified Parts Thereof and Related Processes	175	33	90	86	235	266	453	579	547	571	464	447	535	459	687	802	685	841	988	1037	1317	1455	12752
	Scanning-Probe Techniques or Apparatus; Applications of Scanning-																							

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
850	Probe Techniques, e.g., Scanning Probe Microscopy [Spm]	204	32	35	34	27	25	32	27	26	31	35	73	85	81	4	1	1	12	36	47	69	85	1002
D01	Edible Products	321	50	36	35	54	43	47	47	61	60	39	38	121	85	122	53	62	146	87	104	59	87	1757
D02	Apparel and Haberdashery	2614	447	426	316	343	499	706	587	494	489	486	528	583	489	889	969	1122	914	926	926	948	907	16608
D03	Travel Goods and Personal Belongings	2723	345	346	353	366	380	451	505	488	540	513	493	473	434	640	660	632	607	694	600	685	694	13622
D04	Brushware	654	111	87	138	120	99	127	113	161	175	247	184	122	146	179	137	213	157	135	135	168	177	3785
D05	Textile or Paper Yard Goods; Sheet Material	262	14	7	30	22	33	45	45	80	72	46	39	68	86	88	75	68	61	94	152	153	128	1668
D06	Furnishings	8974	1213	993	1283	1312	1093	1454	1460	1699	1813	1573	1549	1523	1164	1616	2081	1891	1723	1506	1312	1639	1526	40397
D07	Equipment for Preparing or Serving Food or Drink Not Elsewhere Specified	5290	611	605	563	732	578	749	768	969	1012	794	991	896	726	1145	1418	1452	1181	1378	1159	1297	1390	25704
D08	Tools and Hardware	5797	743	751	761	756	750	1014	990	1239	993	947	1123	1049	796	1400	1574	1677	1277	1128	1183	1100	1054	28102
D09	Packages and Containers for Goods	4421	463	492	506	470	529	649	687	860	857	709	891	665	710	1108	1388	1350	1422	1392	1311	1272	1345	23497
D10	Measuring, Testing, or Signalling Instruments	4091	509	582	689	467	517	693	652	641	701	605	492	524	492	674	747	926	727	666	552	667	593	17207
D11	Jewelry, Symbolic Insignia, and Ornaments	2573	308	286	380	333	376	411	338	348	431	381	372	372	333	461	467	536	479	498	514	503	480	11180
D12	Transportation	5371	665	661	594	681	798	1024	940	1189	1067	1062	1080	1275	953	1440	1483	1619	1737	1670	1391	1388	1521	29609
D13	Equipment for Production, Distribution, or Transformation of Energy	2109	269	300	303	285	281	443	594	625	552	634	674	535	574	998	1075	1337	1329	1198	1141	1122	1196	17574
D14	Recording, Communication, or Information Retrieval Equipment	6508	872	949	1006	1009	986	1247	1316	1566	1368	1423	1712	1713	1272	2384	2797	3334	3092	2703	2459	2626	3364	45706
D15	Machines Not Elsewhere Specified	2475	284	221	306	241	221	318	314	405	388	411	400	417	324	610	660	590	564	618	608	675	778	11828
D16	Photography and Optical Equipment	1524	176	213	203	263	241	392	344	434	350	278	407	303	293	393	692	577	452	419	449	466	512	9381
D17	Musical Instruments	586	41	65	39	33	39	55	61	33	43	42	50	36	46	64	60	104	61	56	46	48	63	1671
D18	Printing and Office Machinery	2137	209	185	208	214	203	199	199	272	276	205	227	187	154	445	408	288	264	244	244	180	246	7194
D19	Office Supplies; Artists' and Teachers' Materials	2050	285	218	290	178	229	310	341	372	381	330	349	393	325	336	447	582	401	355	373	366	359	9270
D20	Sales and Advertising Equipment	767	106	126	104	74	138	160	125	171	135	91	163	121	110	116	127	121	145	156	166	159	192	3573
D21	Games, Toys, and Sports Goods	7217	671	861	880	733	747	1019	921	1027	882	748	782	695	600	996	978	1073	884	784	897	781	896	25072
D22	Arms, Pyrotechnics, Hunting and Fishing Equipment	1428	129	159	165	188	131	165	180	174	154	160	180	148	145	191	179	177	221	259	281	271	343	5428
D23	Environmental Heating and Cooling; Fluid Handling and Sanitary Equipment	4620	441	563	563	530	548	784	819	988	906	966	919	832	790	1557	1342	1446	1267	1318	1085	1030	1168	24482
D24	Medical and Laboratory Equipment	4041	432	481	513	484	454	523	575	673	759	598	699	570	352	553	963	1041	1039	1332	1186	1212	1441	19921
D25	Building Units and Construction Elements	1891	236	251	259	255	294	306	340	377	381	406	352	344	310	305	430	460	435	493	326	426	448	9325
D26	Lighting	2375	259	357	375	467	430	531	543	805	920	706	772	672	490	859	1163	1322	1179	1221	1284	1148	1158	19036
D27	Tobacco and Smokers' Supplies	428	17	31	31	38	38	79	87	60	76	86	62	72	59	106	117	74	65	80	53	47	78	1784
D28	Cosmetic Products and Toilet Articles	1681	129	199	147	152	159	198	211	390	335	255	274	256	188	294	320	330	287	326	351	352	300	7134
D29	Equipment for Safety, Protection, and Rescue	465	66	77	93	91	77	68	86	85	82	105	71	97	62	124	149	156	149	109	143	190	163	2708
D30	Animal Husbandry	870	125	130	123	129	126	105	108	185	120	113	123	108	131	167	193	214	174	274	243	276	250	4287
D32	Washing, Cleaning, or Drying Machine	1345	130	187	191	176	194	211	193	287	261	257	286	252	172	404	501	479	379	394	356	390	395	7440

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
D34	Material or Article Handling Equipment	1254	218	205	196	171	129	215	190	184	201	194	209	170	94	254	378	278	270	223	276	254	167	5730
D99	Miscellaneous	369	59	46	70	44	55	69	61	74	98	48	88	104	50	54	38	49	35	78	69	74	58	1690
PLT	Plants	4072	442	499	387	362	394	561	421	548	584	1133	994	1016	716	1149	1047	1240	1009	981	823	860	847	20085
ALL	ALL CLASSES	1272937	109890	113704	113955	121805	124147	163204	169145	176083	184046	184424	187048	181319	157741	196437	182928	185244	191933	244358	247728	276796	302962	5087834

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 - 12/31/2013*

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
001	** Classification Undetermined **	9	0	0	1	0	0	0	0	1	0	1	1	0	0	2	1	3	7	3	1	0	0	30
002	Apparel	4893	380	425	474	570	602	723	806	749	703	655	494	565	493	531	376	317	299	559	610	605	606	16435
004	Baths, Closets, Sinks, and Spittoons	4286	389	419	338	312	331	418	538	454	479	514	433	406	322	310	268	216	180	305	356	475	408	12157
005	Beds	4838	400	394	412	488	446	504	483	522	502	470	492	522	502	484	346	416	396	531	478	520	592	14738
007	Compound Tools	667	73	64	53	62	62	72	84	96	101	72	76	89	73	85	71	50	33	45	47	46	71	2092
008	Bleaching and Dyeing; Fluid Treatment and Chemical Modification of Textiles and Fibers	5650	352	325	337	377	275	394	457	381	334	311	387	321	219	298	303	263	236	327	353	319	306	12525
012	Boot and Shoe Making	530	24	21	17	15	24	29	33	20	22	19	23	19	23	23	14	21	12	33	33	37	33	1025
014	Bridges	678	37	47	64	59	58	59	61	65	45	73	62	73	55	65	53	46	55	56	75	68	84	1938
015	Brushing, Scrubbing, and General Cleaning	8376	621	716	688	687	644	878	986	983	892	779	829	693	546	540	596	565	570	816	797	839	1066	24107
016	Miscellaneous Hardware (e.g., Bushing, Carpet Fastener, Caster, Door Closer, Panel Hanger, Attachable or Adjunct Handle, Hinge, Window Sash Balance, Etc.)	4256	326	301	327	398	339	450	427	436	411	516	494	427	389	413	351	338	384	466	469	490	562	12970
019	Textiles: Fiber Preparation	1463	72	93	99	84	77	72	72	87	109	69	53	36	27	39	27	39	41	50	35	21	23	2688
023	Chemistry: Physical Processes	812	37	52	38	34	28	38	31	38	33	32	30	17	25	18	17	15	29	34	35	42	39	1474
024	Buckles, Buttons, Clasps, Etc.	6989	468	522	483	519	580	599	589	564	601	652	610	459	352	452	410	421	377	491	475	530	596	17739
026	Textiles: Cloth Finishing	624	25	21	42	36	29	35	39	30	24	22	24	16	13	9	14	7	7	12	8	16	8	1061
027	Undertaking	178	16	17	23	19	37	33	30	30	32	18	32	19	14	15	42	35	24	26	34	32	35	741
028	Textiles: Manufacturing	1729	90	118	120	81	94	106	99	131	95	86	83	94	54	65	68	52	44	56	47	40	44	3396
029	Metal Working	25186	1969	1878	1700	1757	1823	2171	2152	2362	2523	2544	2646	2522	2199	2514	2109	1753	1838	2368	2567	3045	3052	72678
030	Cutlery	5277	337	362	358	374	362	438	475	471	431	409	432	392	332	338	298	228	248	305	348	356	373	12944
033	Geometrical Instruments	7328	429	418	481	433	363	449	408	493	514	595	577	546	534	531	520	517	500	513	475	409	409	17442
034	Drying and Gas or Vapor Contact with Solids	4790	356	319	292	357	326	361	424	467	356	361	285	299	264	286	173	208	128	187	249	286	307	11081
036	Boots, Shoes, and Leggings	2656	183	203	225	197	236	344	352	307	283	266	247	272	235	257	203	242	224	328	292	326	340	8218
037	Excavating	2156	129	94	134	152	129	166	186	212	182	208	169	167	161	153	101	79	160	242	160	133	140	5413
038	Textiles: Ironing or Smoothing	603	26	50	43	48	54	48	55	55	41	46	38	47	30	46	41	32	32	39	32	48	70	1524
040	Card, Picture, or Sign Exhibiting	5336	404	445	456	421	434	506	556	612	561	573	570	502	389	352	380	351	330	411	411	405	384	14789
042	Firearms	1984	135	163	178	159	186	203	183	124	213	241	252	207	159	162	175	187	189	296	311	369	384	6460

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
043	Fishing, Trapping, and Vermin Destroying	4029	326	331	251	317	219	236	411	356	289	309	351	274	233	216	184	174	172	253	197	196	228	9552
044	Fuel and Related Compositions	2689	136	143	129	147	107	132	152	169	146	115	143	108	76	53	83	89	109	138	165	228	286	5543
047	Plant Husbandry	2977	225	273	272	345	296	469	325	351	305	306	283	186	160	157	124	98	141	227	207	273	277	8277
048	Gas: Heating and Illuminating	2045	56	48	69	46	61	67	71	57	57	40	46	72	64	88	112	111	146	164	167	202	247	4036
049	Movable or Removable Closures	4798	315	334	344	395	337	378	439	495	430	425	392	377	362	380	257	230	264	357	282	422	466	12479
051	Abrasive Tool Making Process, Material, or Composition	1115	136	122	100	124	153	96	126	104	145	159	145	139	106	91	102	90	80	100	175	135	178	3721
052	Static Structures (e.g., Buildings)	15563	1009	1046	1007	1203	1201	1467	1416	1471	1598	1488	1297	1202	1025	902	733	670	921	1546	1369	1651	1975	41760
053	Package Making	6988	468	421	564	548	598	763	608	640	574	543	620	594	508	469	368	509	419	450	439	454	454	17999
054	Harness for Working Animal	295	22	26	24	18	17	36	23	42	32	46	50	40	24	38	38	31	30	15	15	26	18	906
055	Gas Separation	5351	395	285	318	331	354	451	441	421	464	449	467	478	376	385	381	453	496	596	665	619	627	14803
056	Harvesters	4033	226	226	263	218	167	280	308	299	247	273	257	246	246	221	171	210	210	283	249	245	200	9078
057	Textiles: Spinning, Twisting, and Twining	3503	173	213	188	178	177	214	158	153	175	134	104	118	79	95	68	79	60	73	72	71	78	6163
059	Chain, Staple, and Horseshoe Making	522	32	39	32	17	33	38	37	36	53	44	39	34	47	53	37	46	42	33	42	37	35	1328
060	Power Plants	13048	917	921	888	781	757	1019	997	1032	1331	1298	1226	1256	1269	1432	1058	1021	1234	1567	1711	2014	2403	39180
062	Refrigeration	10231	914	887	855	864	870	1030	1141	1154	1292	1347	1293	1073	891	1025	1017	783	666	984	1012	949	1157	31435
063	Jewelry	622	56	46	58	62	75	69	53	67	63	82	79	62	40	69	54	53	36	47	49	62	63	1867
065	Glass Manufacturing	5208	277	263	174	203	298	343	357	277	324	313	346	342	226	257	184	172	171	258	307	323	304	10927
066	Textiles: Knitting	1672	100	105	111	123	88	101	106	167	152	82	88	89	99	95	76	64	83	87	78	49	61	3676
068	Textiles: Fluid Treating Apparatus	1809	144	124	132	136	127	193	200	152	114	143	147	82	74	78	109	140	159	170	213	221	215	4882
069	Leather Manufactures	165	2	3	5	5	4	6	4	2	2	2	2	5	7	0	2	2	5	5	5	5	3	241
070	Locks	4171	303	270	311	319	343	462	457	391	323	427	420	333	328	328	277	285	250	259	307	335	349	11248
071	Chemistry: Fertilizers	1301	73	78	93	75	100	89	87	64	97	112	70	60	46	37	32	33	40	77	80	92	91	2827
072	Metal Deforming	8705	483	478	406	497	541	665	685	626	649	538	534	506	412	615	503	417	376	404	437	572	585	19634
073	Measuring and Testing	27241	1931	2117	2050	2219	2018	2459	2356	2305	2492	2636	3065	2764	2765	2934	2750	2761	2558	3043	3018	3205	3386	82073
074	Machine Element or Mechanism	15132	1094	867	816	1000	910	1198	1191	1172	1153	1126	989	894	773	831	755	675	732	918	890	1018	1187	35321
075	Specialized Metallurgical Processes, Compositions for Use Therein, Consolidated Metal Powder Compositions, and Loose Metal Particulate Mixtures	5544	339	364	367	261	247	319	375	322	381	393	319	263	192	162	181	181	265	343	282	300	292	11692
076	Metal Tools and Implements, Making	1073	69	58	68	56	66	61	76	71	58	52	64	42	28	41	37	31	37	39	39	55	48	2169
079	Button Making	6	1	2	0	0	0	0	1	1	0	3	1	1	1	2	0	0	2	1	0	0	0	22
081	Tools	3995	307	305	250	310	263	325	410	494	545	423	351	369	420	524	417	281	196	273	307	303	427	11495
082	Turning	1915	119	98	68	89	101	127	124	112	123	91	167	95	72	85	82	66	75	93	91	97	79	3969
083	Cutting	7876	504	469	424	373	376	523	576	562	498	394	481	526	376	472	349	265	270	373	389	402	395	16873
084	Music	4232	354	348	398	393	344	428	506	444	410	360	328	322	290	379	434	472	526	619	510	473	457	13027
086	Ammunition and Explosive-Charge Making	431	26	32	30	17	25	34	21	20	24	32	29	17	25	23	20	22	29	40	29	29	36	991
087	Textiles: Braiding, Netting, and Lace Making	242	17	24	17	15	15	23	26	13	13	16	12	9	3	15	15	7	5	12	10	16	26	551

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
089	Ordnance	2902	198	193	195	140	192	198	183	129	211	203	203	205	180	168	183	217	252	328	386	426	452	7744
091	Motors: Expansible Chamber Type	5129	299	253	214	230	194	253	239	210	219	224	198	206	151	159	173	124	105	105	115	118	128	9046
092	Expansible Chamber Devices	4465	290	226	234	224	220	287	291	246	310	314	280	234	206	214	216	173	135	161	163	193	199	9281
095	Gas Separation: Processes	3609	320	243	270	288	302	362	383	368	394	403	448	347	288	307	299	374	373	537	588	688	815	12006
096	Gas Separation: Apparatus	4733	325	264	240	298	329	394	432	416	424	467	464	431	343	346	374	438	443	575	577	642	706	13661
099	Foods and Beverages: Apparatus	5301	427	451	493	465	489	530	608	567	561	452	441	404	317	366	274	294	247	372	354	445	461	14319
100	Presses	4090	272	266	253	224	228	286	224	210	203	188	226	207	164	210	151	190	134	123	120	127	148	8244
101	Printing	6812	463	472	477	478	497	724	609	587	544	610	718	804	489	491	300	286	248	304	304	338	328	16883
102	Ammunition and Explosives	3936	279	259	268	221	227	241	208	187	312	279	301	216	201	202	171	197	193	253	275	326	330	9082
104	Railways	2421	150	123	152	143	160	128	107	120	144	172	153	115	82	84	78	96	108	142	124	156	182	5140
105	Railway Rolling Stock	2271	120	113	124	122	123	134	95	110	152	137	117	79	93	83	72	77	72	114	112	131	158	4609
106	Compositions: Coating or Plastic	10598	791	916	796	782	779	1024	1005	889	911	977	1011	944	634	694	716	644	613	967	940	969	950	28550
108	Horizontally Supported Planar Surfaces	3188	198	279	281	296	299	342	330	375	306	306	289	276	211	214	166	155	173	231	234	305	278	8732
109	Safes, Bank Protection, or a Related Device	661	36	35	39	27	41	53	44	30	25	37	31	27	26	27	26	28	27	39	36	44	44	1383
110	Furnaces	3627	268	264	185	209	199	243	181	179	190	147	98	120	111	79	56	65	79	118	103	132	138	6791
111	Planting	971	40	57	61	74	64	60	87	82	99	67	82	74	66	69	65	71	72	87	74	67	108	2497
112	Sewing	3677	198	161	184	226	201	236	214	185	179	109	89	132	112	112	89	94	80	85	115	135	94	6707
114	Ships	5647	377	379	368	374	357	388	412	487	456	407	439	394	431	449	389	352	295	316	362	387	374	13840
116	Signals and Indicators	3060	201	205	182	192	195	206	224	206	213	211	196	192	153	180	137	152	168	178	186	147	155	6939
117	Single-Crystal, Oriented-Crystal, and Epitaxy Growth Processes; Non-Coating Apparatus Therefor	2019	219	236	278	222	212	280	317	324	274	270	283	269	240	246	293	296	235	280	230	267	273	7563
118	Coating Apparatus	8040	692	677	665	709	722	868	962	1200	1211	1127	1063	935	755	659	525	570	589	846	874	956	992	25637
119	Animal Husbandry	3871	341	355	313	348	362	554	501	469	447	540	532	396	407	442	381	285	308	404	456	498	500	12710
122	Liquid Heaters and Vaporizers	2916	145	185	123	128	107	164	154	143	143	123	118	102	97	82	63	82	80	99	90	116	114	5374
123	Internal-Combustion Engines	20254	1400	1136	1124	1352	1381	1629	1622	1810	2246	2247	2240	2241	2114	2316	2042	1889	1505	1876	1790	1952	2134	58300
124	Mechanical Guns and Projectors	1441	127	128	148	136	160	137	135	124	108	118	161	179	110	109	122	115	113	190	176	172	187	4396
125	Stone Working	764	49	38	42	45	54	66	64	101	98	97	83	73	79	88	52	48	34	48	53	49	61	2086
126	Stoves and Furnaces	8400	340	350	331	331	305	391	513	466	386	323	329	319	298	214	157	135	161	295	320	383	433	15180
127	Sugar, Starch, and Carbohydrates	819	44	51	54	50	40	56	74	39	44	59	34	34	26	25	18	11	16	27	40	47	66	1674
128	Surgery	7081	741	866	873	938	954	1213	1059	1139	1035	1091	1247	1062	879	1020	838	673	647	959	1047	1203	1365	27930
131	Tobacco	2740	118	108	111	116	116	163	107	123	79	85	88	109	56	45	65	41	55	114	106	98	164	4807
132	Toilet	2059	154	208	152	206	219	313	405	306	258	218	211	147	109	160	186	135	122	161	210	258	264	6461
134	Cleaning and Liquid Contact with Solids	5713	530	570	613	615	610	781	922	816	850	895	920	712	563	533	495	476	500	652	724	719	777	19986
135	Tent, Canopy, Umbrella, or Cane	1392	151	181	149	171	179	198	181	196	251	204	168	189	149	143	161	140	162	180	192	158	213	5108
136	Batteries: Thermoelectric and Photoelectric	3062	164	154	176	170	134	139	177	235	275	254	223	177	116	107	126	116	161	336	517	686	751	8256
137	Fluid Handling	19014	1242	1242	1067	1034	1006	1305	1465	1489	1607	1243	1200	1159	1173	1169	866	754	745	1014	929	1320	1610	43653
138	Pipes and Tubular Conduits	5534	268	319	335	286	278	361	458	467	423	378	362	326	296	283	201	194	253	279	276	291	335	12203

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139	Textiles: Weaving	2524	165	173	177	146	137	155	136	179	188	127	64	109	112	129	68	71	92	93	77	61	57	5040
140	Wireworking	1110	48	49	53	60	62	65	69	53	50	36	49	37	35	54	41	36	18	21	27	28	44	2045
141	Fluent Material Handling, with Receiver or Receiver Coacting Means	4427	348	381	344	370	319	407	487	442	478	452	424	485	391	377	318	225	232	349	286	418	453	12413
142	Wood Turning	79	5	4	4	5	6	4	10	8	4	0	5	2	0	3	2	0	2	1	2	0	0	146
144	Woodworking	2810	140	167	157	132	154	177	230	199	188	174	187	152	121	170	125	111	103	155	169	89	83	5993
147	Coopering	7	0	0	2	0	2	1	0	0	4	2	0	0	1	0	0	0	0	2	3	1	1	26
148	Metal Treatment	9499	969	935	924	791	737	777	777	704	770	752	757	601	387	348	302	334	379	531	475	577	570	22896
149	Explosive and Thermic Compositions or Charges	1442	60	45	101	123	78	87	61	101	99	68	97	59	78	35	7	17	20	53	94	90	80	2895
150	Purses, Wallets, and Protective Covers	600	66	65	63	66	71	96	100	97	99	81	72	59	49	54	46	43	43	60	44	65	45	1984
152	Resilient Tires and Wheels	2502	210	229	189	155	167	196	196	253	262	319	310	236	217	251	216	180	174	200	244	297	296	7299
156	Adhesive Bonding and Miscellaneous Chemical Manufacture	19979	1472	1464	1490	1435	1596	1912	1991	1912	1901	1807	2048	1868	1465	1319	1173	1043	965	1515	1870	1973	2078	54276
157	Wheelwright Machines	296	23	15	8	9	11	9	11	19	28	11	18	11	21	24	25	20	20	17	13	25	30	664
159	Concentrating Evaporators	1072	75	56	49	62	66	54	54	30	38	47	39	38	40	32	22	28	33	45	55	51	58	2044
160	Flexible or Portable Closure, Partition, or Panel	2945	245	227	233	304	257	304	309	386	358	307	318	296	258	258	209	167	172	254	224	268	303	8602
162	Paper Making and Fiber Liberation	4389	375	334	355	413	442	502	454	494	580	560	417	396	307	299	281	269	267	372	415	449	393	12763
163	Needle and Pin Making	36	5	4	9	5	8	7	6	4	0	1	2	0	0	0	2	3	1	0	1	1	0	95
164	Metal Founding	4907	344	351	239	256	274	312	317	233	287	341	372	267	259	281	221	133	150	202	266	278	230	10520
165	Heat Exchange	10642	662	675	567	613	524	739	862	864	955	903	889	930	866	1068	893	837	753	999	949	888	913	27991
166	Wells	8596	567	689	527	452	377	536	600	694	838	709	790	848	690	1055	951	932	926	1379	1225	1388	1586	26355
168	Farriery	127	14	10	2	10	12	10	8	13	11	18	17	13	11	4	8	7	14	8	0	6	7	330
169	Fire Extinguishers	987	62	60	60	81	74	94	117	125	80	85	78	80	76	88	76	69	54	106	74	90	128	2744
171	Unearthing Plants or Buried Objects	286	22	17	15	14	9	11	13	11	5	5	10	8	7	9	4	3	4	10	11	6	11	491
172	Earth Working	3410	141	141	193	186	168	215	199	244	212	183	170	144	151	174	98	72	126	194	150	143	185	6899
173	Tool Driving or Impacting	2204	88	112	94	114	94	123	138	163	148	125	162	179	153	199	148	175	145	194	190	218	238	5404
174	Electricity: Conductors and Insulators	9893	779	878	874	816	675	1082	1096	1271	1727	1763	1546	1514	1243	1286	1177	1173	1179	1399	1429	1594	1638	36032
175	Boring or Penetrating the Earth	4687	276	338	289	290	232	331	355	411	467	462	463	398	365	474	426	442	399	599	601	569	595	13469
177	Weighing Scales	2257	135	112	77	74	96	152	132	101	107	131	119	123	108	133	107	109	110	103	79	90	89	4544
178	Telegraphy	1118	65	41	64	93	69	100	88	64	81	85	99	98	98	130	129	97	91	142	169	321	516	3758
180	Motor Vehicles	9653	686	731	625	788	637	877	965	1026	1186	1296	1314	1162	1168	1162	1104	1188	1184	1537	1470	1712	2001	33472
181	Acoustics	3862	236	235	234	213	215	312	313	316	268	296	361	308	239	210	209	258	261	346	406	436	441	9975
182	Fire Escape, Ladder, or Scaffold	2886	138	193	149	152	152	214	253	237	187	218	193	218	186	202	143	91	78	128	159	203	243	6623
184	Lubrication	1739	144	133	132	150	116	138	150	159	167	152	142	129	114	133	100	100	81	121	152	159	162	4573
185	Motors: Spring, Weight, or Animal Powered	250	12	7	7	10	8	7	15	13	16	11	9	14	8	7	8	4	3	7	7	8	7	438
186	Merchandising	199	17	17	21	20	12	21	27	22	13	19	23	16	16	17	14	14	10	20	19	6	15	558
187	Elevator, Industrial Lift Truck, or Stationary Lift for Vehicle	1713	152	163	140	146	140	187	212	149	172	212	157	91	87	137	159	158	169	200	180	192	195	5111

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188	Brakes	7450	473	483	536	524	425	525	603	591	771	709	519	453	482	451	379	382	323	396	456	541	628	18100
190	Trunks and Hand-Carried Luggage	735	65	49	77	92	70	87	98	91	104	98	96	56	59	54	51	47	55	47	55	58	68	2212
191	Electricity: Transmission To Vehicles	444	26	33	19	28	34	33	41	42	60	48	31	28	25	25	14	13	20	17	35	29	47	1092
192	Clutches and Power-Stop Control	7256	398	347	311	433	453	489	593	580	502	467	504	474	357	408	311	283	275	338	348	446	487	16060
193	Conveyors, Chutes, Skids, Guides, and Ways	900	44	35	49	36	39	32	59	63	68	57	51	40	39	41	46	36	40	39	33	35	59	1841
194	Check-Actuated Control Mechanisms	993	76	81	105	104	74	80	117	112	95	54	79	69	72	62	47	42	55	94	69	108	119	2707
196	Mineral Oils: Apparatus	335	19	11	11	11	12	26	22	10	18	13	9	7	5	6	7	8	11	10	21	18	21	611
198	Conveyors: Power-Driven	9764	691	703	586	534	541	577	693	686	816	714	699	616	466	492	500	457	462	589	601	509	643	22339
199	Type Casting	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	6
200	Electricity: Circuit Makers and Breakers	8961	451	474	453	490	464	672	637	606	528	584	615	656	566	622	525	524	530	533	578	685	629	20783
201	Distillation: Processes, Thermolytic	1112	16	19	26	10	21	25	20	19	21	7	9	14	8	18	6	12	12	28	32	43	56	1534
202	Distillation: Apparatus	1953	97	72	74	77	82	91	77	76	59	58	51	43	40	48	37	48	69	66	76	98	128	3420
203	Distillation: Processes, Separatory	2348	190	143	142	118	126	144	141	104	81	127	82	68	73	80	65	61	82	72	90	111	134	4582
204	Chemistry: Electrical and Wave Energy	13810	978	1018	994	903	886	1091	1188	1315	1426	1294	1216	1122	883	790	739	679	662	949	1038	1205	1242	35428
205	Electrolysis: Processes, Compositions Used Therein, and Methods of Preparing the Compositions	7722	483	485	473	466	433	472	536	537	742	628	576	558	396	387	396	339	348	479	532	679	719	18386
206	Special Receptacle or Package	13911	1203	1233	1208	1213	1210	1600	1597	1515	1360	1225	1168	987	916	928	774	846	810	1148	1101	1133	1263	38349
208	Mineral Oils: Processes and Products	7363	345	382	291	211	215	257	384	328	316	263	248	242	164	189	225	239	267	407	393	377	403	13509
209	Classifying, Separating, and Assorting Solids	5702	387	352	344	316	290	308	375	387	370	314	315	319	242	234	236	239	210	270	320	300	338	12168
210	Liquid Purification or Separation	20134	1734	1460	1517	1623	1613	1746	1765	1719	1819	1620	1570	1449	1251	1263	1344	1262	1224	1551	1601	1794	1731	52790
211	Supports: Racks	5331	440	445	369	437	436	553	571	581	551	564	517	444	413	387	338	257	276	386	481	464	496	14737
212	Traversing Hoists	1397	64	40	69	64	67	80	65	104	82	68	100	46	46	64	75	75	73	89	68	67	71	2874
213	Railway Draft Appliances	327	18	19	20	32	20	20	22	18	26	17	11	20	8	14	14	14	19	27	15	23	27	731
215	Bottles and Jars	4191	291	291	295	284	291	391	413	362	303	280	260	223	208	220	184	155	195	275	270	348	407	10137
216	Etching a Substrate: Processes	3246	467	427	428	385	483	545	594	621	637	650	634	607	498	550	506	537	489	558	601	734	841	15038
217	Wooden Receptacles	373	16	16	7	8	7	14	10	11	15	9	7	4	4	6	4	6	1	9	5	7	10	549
218	High-Voltage Switches with Arc Preventing or Extinguishing Devices	1347	49	53	43	75	43	94	80	69	95	93	76	75	49	49	38	24	43	70	58	105	74	2702
219	Electric Heating	16192	1133	1164	1019	1007	923	1307	1430	1642	1583	1552	1529	1559	1321	1424	1111	858	765	1043	958	1308	1584	42412
220	Receptacles	11812	1003	947	913	962	889	1132	1183	1186	1120	987	919	808	712	860	732	621	755	980	996	1148	1441	32106
221	Article Dispensing	2985	224	208	216	231	157	251	273	268	294	256	294	254	171	230	166	167	157	238	222	217	227	7706
222	Dispensing	11849	928	1057	917	844	833	1031	1246	1112	1110	1069	867	871	700	762	615	498	537	869	789	922	1125	30551
223	Apparel Apparatus	1029	50	48	71	79	106	86	102	123	102	71	46	69	53	52	61	54	33	59	62	71	56	2483
224	Package and Article Carriers	3844	380	371	407	444	463	533	533	469	501	443	424	400	278	274	260	193	197	299	283	381	401	11778
225	Severing by Tearing or Breaking	1021	64	70	51	54	45	73	63	51	52	67	66	78	61	60	34	35	36	43	45	49	53	2171
226	Advancing Material of Indeterminate Length	2877	150	162	142	129	100	174	152	116	121	125	106	76	63	65	55	52	26	40	43	41	41	4856
227	Elongated-Member-Driving Apparatus	1853	131	137	156	164	182	180	149	176	133	120	176	185	174	234	168	183	203	272	326	333	379	6014

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
228	Metal Fusion Bonding	5396	462	436	411	400	358	389	468	601	631	583	538	526	409	346	265	305	278	496	418	405	396	14517
229	Envelopes, Wrappers, and Paperboard Boxes	4909	365	384	328	311	280	362	351	347	335	293	244	168	193	158	156	155	143	252	228	197	265	10424
231	Whips and Whip Apparatus	30	0	1	0	0	1	0	1	4	0	1	1	2	1	1	1	3	2	2	1	1	0	53
232	Deposit and Collection Receptacles	565	35	31	47	35	43	41	43	37	33	27	29	42	37	48	62	51	33	36	23	32	26	1356
234	Selective Cutting (e.g., Punching)	61	2	1	0	0	2	2	3	0	2	3	4	6	2	8	4	4	2	8	2	6	4	126
235	Registers	4757	489	505	596	597	558	797	927	959	759	822	1038	1081	875	1406	1372	1467	1404	1729	1834	1871	2023	27866
236	Automatic Temperature and Humidity Regulation	2934	174	165	131	130	113	147	180	170	146	170	172	155	148	141	141	113	106	205	182	181	187	6191
237	Heating Systems	1757	73	67	40	53	47	78	112	106	74	78	76	90	65	66	47	28	30	44	44	57	65	3097
238	Railways: Surface Track	640	28	25	31	40	32	48	30	36	47	48	37	36	23	28	20	17	16	47	44	45	46	1364
239	Fluid Sprinkling, Spraying, and Diffusing	10033	745	789	615	581	658	902	1010	1055	886	852	907	961	774	824	593	560	557	825	762	734	871	26494
241	Solid Material Comminution or Disintegration	4507	356	364	334	343	307	370	410	319	244	296	328	224	207	253	304	254	302	365	425	369	380	11261
242	Winding, Tensioning, or Guiding	9853	640	780	575	707	612	825	756	768	628	718	665	549	486	485	433	419	323	372	367	334	347	21642
244	Aeronautics and Astronautics	6270	456	442	371	358	334	577	538	636	678	669	656	613	500	551	498	429	533	710	951	1168	1252	19190
245	Wire Fabrics and Structure	118	12	6	5	5	6	3	5	4	8	7	3	7	5	11	7	1	4	1	7	2	5	232
246	Railway Switches and Signals	654	37	51	58	55	59	76	42	68	84	78	60	53	42	58	55	42	40	72	60	80	94	1918
248	Supports	15188	1218	1212	1144	1226	1184	1576	1543	1633	1541	1669	1591	1252	1031	1163	1172	1058	1271	1605	1500	1625	1645	44047
249	Static Molds	2664	156	147	140	132	150	199	162	150	173	149	162	154	115	138	106	54	67	126	140	125	145	5554
250	Radiant Energy	22802	1887	1942	1865	1752	1628	2002	1871	1886	2120	2344	2707	2765	2342	3192	2790	2952	2938	3118	2692	2972	3535	74102
251	Valves and Valve Actuation	10073	674	681	561	567	501	709	815	867	801	728	706	763	771	761	539	465	470	578	555	710	844	24139
252	Compositions	17775	1314	1268	1199	1258	1143	1359	1335	1263	1226	1272	1379	1279	913	1091	981	935	962	1409	1439	1731	1887	44418
254	Implements or Apparatus for Applying Pushing or Pulling Force	3522	219	194	198	174	201	199	257	276	257	229	261	213	198	232	209	206	164	217	201	255	299	8181
256	Fences	990	64	71	82	96	98	100	108	112	107	99	138	110	106	90	64	72	82	83	84	76	94	2926
257	Active Solid-State Devices (e.g., Transistors, Solid-State Diodes)	26476	3374	4159	4228	4278	4696	6498	7847	9142	10998	11618	12001	12262	10811	11596	11307	10846	9414	13102	13023	12430	14258	224364
258	Railway Mail Delivery	10	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	13
260	Chemistry of Carbon Compounds	1171	26	20	17	19	31	34	33	24	26	13	16	10	8	3	7	7	3	4	2	2	4	1480
261	Gas and Liquid Contact Apparatus	5289	244	201	216	219	209	242	246	254	265	249	217	225	191	183	186	164	186	186	219	290	242	9923
264	Plastic and Nonmetallic Article Shaping or Treating: Processes	25712	2096	1810	1762	1799	1950	2405	2218	2044	1992	1847	2061	1938	1383	1406	1156	1008	1062	1990	1875	1944	2018	63476
266	Metallurgical Apparatus	3830	221	245	218	161	159	185	213	181	214	171	182	136	91	61	79	90	117	126	148	160	151	7139
267	Spring Devices	3923	291	282	222	248	215	244	291	293	323	379	300	238	205	229	215	196	152	179	209	272	330	9236
269	Work Holders	3685	259	247	193	234	218	300	307	312	299	290	301	251	204	230	167	130	150	194	250	363	402	8986
270	Sheet-Material Associating	1064	76	89	89	83	83	119	87	84	121	104	96	130	87	106	93	118	154	205	267	218	187	3660
271	Sheet Feeding or Delivering	5962	589	498	478	444	407	437	530	492	542	457	569	466	360	367	336	494	568	732	727	737	843	17035
273	Amusement Devices: Games	5575	430	516	498	463	479	597	515	502	544	539	545	446	337	351	365	382	364	524	450	492	538	15452
276	Typesetting	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0	0	1	0	0	0	2	0	8
277	Seal for a Joint or Juncture	5717	350	350	286	383	326	278	381	419	491	471	410	387	337	339	233	256	222	321	335	369	411	13072

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
278	Land Vehicles: Animal Draft Appliances	5	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	1	1	0	1	2	0	13
279	Chucks or Sockets	1749	107	137	116	104	86	148	201	142	170	124	140	85	110	88	106	92	85	109	103	120	112	4234
280	Land Vehicles	14313	1250	1433	1397	1517	1238	1678	1725	1977	2145	2069	1747	1671	1554	1607	1581	1640	1597	2084	1822	1723	2160	49928
281	Books, Strips, and Leaves	1067	99	81	104	79	99	122	149	139	125	112	76	76	55	46	27	34	24	51	29	36	35	2665
283	Printed Matter	1931	205	210	210	191	203	301	325	296	271	231	210	224	155	168	135	135	114	190	212	189	200	6306
285	Pipe Joints or Couplings	7638	473	594	453	420	371	511	582	522	510	565	515	397	401	395	293	418	406	490	413	450	441	17258
289	Knots and Knot Tying	183	6	6	15	15	17	13	10	11	17	11	14	12	8	7	6	6	9	7	13	13	16	415
290	Prime-Mover Dynamo Plants	1621	40	68	62	59	66	124	112	138	158	163	155	231	256	287	270	297	321	376	492	601	651	6548
291	Track Sanders	37	0	1	0	3	0	0	3	2	1	2	3	2	6	3	2	1	3	3	3	1	5	81
292	Closure Fasteners	4527	280	237	267	361	319	371	371	425	288	428	442	336	299	327	320	285	259	320	291	350	445	11548
293	Vehicle Fenders	781	52	43	39	38	35	51	55	59	95	81	87	108	113	81	79	91	81	83	91	115	107	2365
294	Handling: Hand and Hoist-Line Implements	5363	341	329	337	331	329	406	388	396	332	363	298	199	188	254	235	193	218	259	264	332	398	11753
295	Railway Wheels and Axles	99	2	3	4	7	6	3	9	7	6	7	8	7	2	1	2	3	3	4	0	1	1	185
296	Land Vehicles: Bodies and Tops	6006	462	462	418	541	483	695	775	933	1104	1009	1036	1063	985	1090	948	920	887	1174	1025	1161	1277	24454
297	Chairs and Seats	6430	457	695	562	728	684	817	847	901	803	807	885	835	685	831	665	747	739	888	852	873	905	22636
298	Land Vehicles: Dumping	548	32	27	38	33	17	32	29	37	34	27	40	38	27	18	17	18	18	24	29	27	24	1134
299	Mining or In Situ Disintegration of Hard Material	2484	109	64	72	60	66	76	68	83	84	80	68	58	59	73	52	92	75	86	101	88	124	4122
300	Brush, Broom, and Mop Making	214	11	10	16	15	22	18	19	14	21	18	19	16	14	3	9	9	9	13	15	15	26	526
301	Land Vehicles: Wheels and Axles	1247	90	94	96	128	94	118	136	169	179	187	161	139	126	129	93	107	103	118	145	90	133	3882
303	Fluid-Pressure and Analogous Brake Systems	2980	285	280	276	269	246	295	318	364	456	352	292	206	215	205	164	206	135	202	230	290	302	8568
305	Wheel Substitutes for Land Vehicles	626	33	39	38	25	24	47	49	62	61	72	58	35	43	42	36	34	35	50	56	36	41	1542
307	Electrical Transmission or Interconnection Systems	5067	380	340	403	545	546	745	768	686	604	585	615	577	383	622	580	556	689	853	986	1022	1025	18577
310	Electrical Generator or Motor Structure	10553	775	768	700	705	795	1234	1248	1274	1371	1392	1305	1863	1547	1524	1300	1303	1622	1879	1879	1776	1879	38692
312	Supports: Cabinet Structure	4471	374	343	373	378	369	496	532	600	534	637	595	500	412	394	376	352	348	570	512	677	668	14511
313	Electric Lamp and Discharge Devices	7482	465	436	480	565	621	909	931	857	955	1199	1612	1438	1093	1221	1195	1126	1307	1769	1824	1783	1698	30966
314	Electric Lamp and Discharge Devices: Consumable Electrodes	18	1	1	0	0	0	0	0	2	0	2	1	3	1	1	0	4	4	3	2	2	4	49
315	Electric Lamp and Discharge Devices: Systems	7319	447	493	557	526	463	671	708	745	849	1002	1067	956	819	947	932	872	839	1005	1186	1538	1715	25656
318	Electricity: Motive Power Systems	9414	689	648	628	658	625	950	879	903	879	899	804	865	836	1103	874	842	882	969	1031	1146	1226	27750
320	Electricity: Battery or Capacitor Charging or Discharging	1269	165	178	163	222	376	357	413	430	501	454	399	355	321	326	276	378	641	807	764	1104	1089	10988
322	Electricity: Single Generator Systems	976	61	53	34	76	83	98	73	86	83	76	81	125	111	129	129	109	129	104	128	125	116	2985
323	Electricity: Power Supply or Regulation Systems	3969	237	260	296	361	418	472	546	494	550	547	504	486	485	645	596	618	736	921	956	976	1088	16161
324	Electricity: Measuring and Testing	14934	1272	1277	1517	1762	1503	1589	1531	1780	2123	2541	2498	2486	2287	2630	2393	2291	2387	2811	2466	2582	2741	59401
326	Electronic Digital Logic Circuitry	3596	353	465	502	532	447	559	580	765	861	839	739	805	731	782	908	896	873	1092	870	585	750	18530
	Miscellaneous Active Electrical																							

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
327	Nonlinear Devices, Circuits, and Systems	12349	831	1145	1234	1297	1045	1533	1685	1814	1993	2114	1997	1940	1686	2064	1871	1745	2000	2389	2163	1984	2436	49315
329	Demodulators	1109	65	80	105	99	112	115	108	113	89	71	62	69	50	67	58	53	65	64	79	84	64	2781
330	Amplifiers	4865	283	380	384	345	342	445	526	604	598	657	731	800	631	892	825	839	849	912	815	797	810	18330
331	Oscillators	3988	225	269	293	317	288	385	371	392	423	357	472	497	409	557	541	485	540	600	557	505	435	12906
332	Modulators	769	58	70	92	100	73	107	96	76	79	84	81	58	55	94	88	71	89	127	122	103	85	2577
333	Wave Transmission Lines and Networks	6142	410	465	442	449	410	598	611	617	520	697	792	737	709	690	612	587	648	685	662	719	648	18850
334	Tuners	367	3	3	9	5	2	10	13	13	8	11	8	6	6	12	11	4	7	12	6	6	8	530
335	Electricity: Magnetically Operated Switches, Magnets, and Electromagnets	4300	264	305	259	293	242	271	378	315	332	343	325	369	387	346	259	226	301	358	302	399	429	11003
336	Inductor Devices	2375	132	178	166	171	130	214	207	239	242	277	306	277	328	313	274	255	210	348	383	373	342	7740
337	Electricity: Electrothermally or Thermally Actuated Switches	2047	98	66	58	64	99	127	136	100	80	108	138	119	59	76	52	69	75	85	68	62	43	3829
338	Electrical Resistors	4390	253	229	145	177	176	222	264	239	230	201	183	142	113	154	162	108	106	150	132	164	155	8095
340	Communications: Electrical	17276	1332	1449	1655	1904	1943	2487	2385	2583	2512	2477	2253	2699	2662	3556	3002	3187	3232	3909	4037	4775	4995	76310
341	Coded Data Generation or Conversion	4925	444	375	465	503	656	817	682	685	856	970	972	964	910	1134	1076	1156	1005	1107	1053	1046	1173	22974
342	Communications: Directive Radio Wave Systems and Devices (e.g., Radar, Radio Navigation)	4877	417	514	483	594	514	662	730	832	978	1026	1012	1063	882	988	928	971	1142	1128	1193	1235	1127	23296
343	Communications: Radio Wave Antennas	3433	311	272	292	354	330	422	696	754	903	917	737	763	924	1077	907	1010	982	1079	982	1046	1223	19414
345	Computer Graphics Processing and Selective Visual Display Systems	6476	794	1020	1153	1377	1519	2342	2219	2347	2710	2638	2767	3174	2963	4078	3598	3521	3928	4921	5190	7009	8177	73921
346	Recorders	3432	253	190	143	96	40	69	82	63	45	41	32	33	18	25	29	15	9	18	16	20	23	4692
347	Incremental Printing of Symbolic Information	6819	796	766	903	1100	1076	1632	1348	1759	2140	2251	2099	1978	1713	1989	2051	2282	2112	2752	2770	2756	2948	46040
348	Television	16586	1797	1946	2005	2426	2435	3263	3169	2991	3009	3141	3221	3671	3226	4720	4081	4601	3691	4487	4615	6648	6510	92239
349	Liquid Crystal Cells, Elements and Systems	2961	369	405	448	580	590	883	777	926	919	963	1259	1429	1404	1506	1351	1495	1896	2337	2442	2511	2425	29876
351	Optics: Eye Examining, Vision Testing and Correcting	2497	221	216	258	259	275	365	414	414	390	346	412	386	304	377	423	482	432	520	527	473	573	10564
352	Optics: Motion Pictures	1289	51	41	43	63	46	56	50	51	41	44	58	78	40	56	41	38	37	40	51	60	39	2313
353	Optics: Image Projectors	1330	110	107	124	123	137	172	163	192	214	287	364	423	387	555	535	489	355	447	643	594	598	8349
355	Photocopying	5080	236	272	269	213	311	394	379	354	445	385	452	536	501	642	557	547	416	471	480	494	502	13936
356	Optics: Measuring and Testing	12899	1145	1187	1231	1195	1171	1648	1529	1538	1233	1432	1919	1837	1676	2024	2100	2204	2107	2341	2170	2140	2244	48970
358	Facsimile and Static Presentation Processing	6151	885	974	905	1094	1010	1593	1379	1255	1157	1157	1323	1384	1387	1934	1806	1894	2000	2354	2560	3302	3792	41296
359	Optical: Systems and Elements	15349	1411	1361	1275	1604	1638	2253	2194	2345	2425	2621	2779	3007	2864	3336	2949	2990	3018	3496	3404	3248	3394	68961
360	Dynamic Magnetic Information Storage or Retrieval	11749	1153	1185	1197	1193	1173	1598	1582	1590	1565	1571	1693	1860	1489	1872	1492	1432	1461	1367	1379	1436	1189	42226
361	Electricity: Electrical Systems and Devices	15222	1319	1348	1532	1765	1626	2337	2272	2489	2872	3234	3231	3168	2547	2934	2874	3122	3149	3707	3941	4120	4341	73150
362	Illumination	7040	582	660	784	776	808	1018	997	1228	1349	1345	1499	1381	1336	1748	1853	1664	1832	2487	2325	2558	3183	38453
363	Electric Power Conversion Systems	4518	279	326	327	367	510	572	682	614	625	617	553	476	448	603	533	523	634	765	798	866	1039	16675

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
365	Static Information Storage and Retrieval	7186	872	1296	1187	1312	1406	1912	2182	2304	2369	2416	2462	2518	2533	2721	2792	2809	2909	3462	3457	3317	3393	56815
366	Agitating	4883	314	352	339	371	290	382	391	379	397	311	322	294	267	263	241	286	218	286	333	416	331	11666
367	Communications, Electrical: Acoustic Wave Systems and Devices	4788	345	300	282	313	275	328	258	326	279	247	263	275	262	264	296	346	328	454	384	450	515	11578
368	Horology: Time Measuring Systems or Devices	3227	176	170	131	154	160	204	188	196	237	216	219	230	174	222	201	244	197	229	212	231	286	7504
369	Dynamic Information Storage or Retrieval	5935	808	752	840	958	981	1220	1084	1102	1113	1107	1225	1298	1022	1581	1470	1461	1359	1629	1688	1388	1078	31099
370	Multiplex Communications	6034	746	1112	1299	1588	1459	2220	2495	2767	2794	3188	3738	4368	4147	5903	4941	6256	7278	10194	10704	12340	13583	109154
372	Coherent Light Generators	5237	622	765	613	496	493	716	679	657	645	694	965	1111	783	815	605	676	764	970	755	696	711	20468
373	Industrial Electric Heating Furnaces	1504	83	78	74	82	47	66	103	96	59	71	46	60	24	39	26	24	19	37	27	21	38	2624
374	Thermal Measuring and Testing	4390	289	289	218	205	286	370	287	390	350	332	369	337	361	394	325	379	315	320	289	400	368	11263
375	Pulse or Digital Communications	7353	944	1166	1392	1764	1753	2611	2528	2534	2620	2708	2940	3163	2958	4386	3720	4064	3397	4455	4483	5996	6233	73168
376	Induced Nuclear Reactions: Processes, Systems, and Elements	5776	367	358	251	227	197	242	197	116	145	146	154	126	110	59	59	71	93	111	115	144	196	9260
377	Electrical Pulse Counters, Pulse Dividers, or Shift Registers: Circuits and Systems	3365	166	153	162	136	110	128	107	132	87	111	78	106	118	95	71	92	99	144	141	136	165	5902
378	X-Ray or Gamma Ray Systems or Devices	4563	372	318	372	431	375	434	380	485	656	752	601	603	635	879	790	912	961	1084	892	860	878	18233
379	Telephonic Communications	7127	600	799	949	1112	978	1578	1736	1567	1523	1600	1641	2023	1639	2176	1642	1506	1536	1847	2070	2627	2779	41055
380	Cryptography	1671	266	282	293	292	341	488	395	528	453	387	339	451	579	959	916	922	1110	1351	1426	1766	1972	17187
381	Electrical Audio Signal Processing Systems and Devices	3808	344	324	378	395	461	686	459	511	400	486	565	697	528	876	748	702	768	1015	1439	2519	1971	20080
382	Image Analysis	4132	613	654	664	862	1021	1821	1885	1791	1945	1829	2312	2572	2268	3452	3200	3576	3945	5009	5447	7548	7639	64185
383	Flexible Bags	2754	201	207	219	221	180	260	290	294	290	230	203	157	161	177	165	112	154	167	176	198	193	7009
384	Bearings	5627	409	385	383	424	366	485	446	480	539	519	500	468	397	402	359	328	352	417	410	531	608	14835
385	Optical Waveguides	7241	842	871	785	784	894	1167	1107	1166	1629	1994	2329	2519	2331	2455	2172	1969	1601	1632	1139	1264	1550	39441
386	Motion Video Signal Processing for Recording or Reproducing	3763	405	399	453	586	491	648	643	591	598	650	627	691	544	820	810	861	671	752	757	1016	1080	17856
388	Electricity: Motor Control Systems	961	58	80	66	63	68	105	69	76	96	102	76	78	69	74	82	71	65	75	59	35	48	2476
392	Electric Resistance Heating Devices	2298	161	169	153	133	135	187	228	258	272	239	197	204	220	245	158	136	136	183	185	223	209	6329
396	Photography	8917	673	680	624	864	899	1188	922	861	701	732	625	665	381	439	347	589	857	1045	891	815	815	24530
398	Optical Communications	1843	206	331	316	401	326	460	529	552	676	774	675	774	635	961	930	860	856	981	965	1147	1159	16357
399	Electrophotography	7735	905	860	794	1079	924	1354	1321	1234	1185	1195	1214	1261	1132	1561	1561	1675	1673	2215	2295	2573	2690	38436
400	Typewriting Machines	5842	428	351	362	382	344	480	469	430	374	409	432	458	439	420	335	286	232	267	254	296	274	13564
401	Coating Implements with Material Supply	2494	179	216	150	173	136	232	352	304	359	297	259	249	231	241	203	199	167	203	195	284	284	7407
402	Binder Device Releasably Engaging Aperture or Notch of Sheet	563	53	52	53	44	63	79	83	89	82	62	49	49	36	34	26	22	21	50	29	21	29	1589
403	Joints and Connections	10599	693	644	643	687	718	765	650	715	730	726	730	602	515	463	372	349	372	482	388	485	530	22858
404	Road Structure, Process, or Apparatus	2401	214	199	218	220	192	211	242	235	194	227	230	252	194	260	202	183	213	238	234	221	279	7059
405	Hydraulic and Earth Engineering	7187	557	462	466	554	416	570	522	447	479	533	501	472	401	488	347	367	356	442	459	434	547	17007

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
406	Conveyors: Fluid Current	1885	107	63	57	90	63	73	66	85	95	103	86	59	44	53	56	54	49	45	58	63	67	3321
407	Cutters, for Shaping	1337	116	90	65	73	97	131	151	137	123	74	129	126	99	122	102	113	115	117	128	126	156	3727
408	Cutting by Use of Rotating Axially Moving Tool	3409	193	239	189	177	217	290	310	216	264	194	226	159	176	232	226	178	162	144	167	168	217	7753
409	Gear Cutting, Milling, or Planing	2506	167	149	151	121	181	201	229	201	207	209	202	168	167	189	209	184	129	111	137	114	127	6059
410	Freight Accommodation On Freight Carrier	1260	74	71	106	93	72	107	113	134	126	119	143	132	109	130	111	114	97	124	135	139	185	3694
411	Expanded, Threaded, Driven, Headed, Tool-Deformed, or Locked-Threaded Fastener	4690	376	320	322	382	369	442	406	400	402	359	327	351	274	267	249	204	181	320	309	342	447	11739
412	Bookbinding: Process and Apparatus	398	34	31	40	26	38	28	42	55	39	42	46	48	35	32	19	31	27	55	47	53	36	1202
413	Sheet Metal Container Making	429	22	26	6	14	15	26	27	24	9	20	16	18	14	17	9	9	15	13	16	22	20	787
414	Material or Article Handling	12776	793	815	817	786	759	850	902	1034	891	918	900	798	641	622	508	470	531	695	688	710	732	28636
415	Rotary Kinetic Fluid Motors or Pumps	4584	377	348	312	365	292	328	313	454	497	596	577	523	526	589	486	444	505	656	756	1272	978	15778
416	Fluid Reaction Surfaces (i.e., Impellers)	3984	311	296	249	278	208	253	285	409	453	498	440	403	417	478	444	427	447	530	773	1028	852	13463
417	Pumps	8983	706	629	512	652	532	619	693	907	947	906	862	688	497	615	459	458	474	612	687	1028	938	23404
418	Rotary Expansible Chamber Devices	2877	199	206	199	207	160	201	144	337	306	250	230	225	166	186	172	175	187	208	196	241	240	7312
419	Powder Metallurgy Processes	2261	113	181	187	159	138	162	213	166	171	169	189	134	90	91	83	93	97	136	109	107	106	5155
420	Alloys or Metallic Compositions	3945	264	287	268	240	200	263	296	241	304	297	235	257	179	114	113	128	146	237	204	235	262	8715
422	Chemical Apparatus and Process Disinfecting, Deodorizing, Preserving, or Sterilizing	13823	1320	1316	1335	1266	1225	1583	1632	1514	1605	1618	1648	1514	1253	1294	1392	1439	1611	2399	2417	2552	2745	48501
423	Chemistry of Inorganic Compounds	16451	1080	1024	950	867	857	987	1038	963	967	947	983	894	720	837	681	745	953	1464	1300	1377	1631	37716
424	Drug, Bio-Affecting and Body Treating Compositions	15196	1806	1804	1899	2309	3426	4165	4526	3964	4465	4639	4360	3229	2701	3408	2960	2874	2932	4365	4361	5350	6335	91074
425	Plastic Article or Earthenware Shaping or Treating: Apparatus	12784	964	833	851	842	892	1076	949	908	966	879	815	842	565	804	733	641	580	891	839	842	820	30316
426	Food or Edible Material: Processes, Compositions, and Products	12473	899	823	884	902	816	981	1261	1268	1226	1064	1015	874	518	636	524	420	462	722	733	932	1054	30487
427	Coating Processes	26362	1868	1861	1735	1817	1935	2308	2483	2499	2442	2446	2511	2301	1694	1444	1446	1250	1509	2194	2236	2678	2528	69547
428	Stock Material or Miscellaneous Articles	41634	3304	3342	3287	3529	3690	4309	4514	4325	4638	4733	4934	4854	3604	3369	3144	2768	2916	4370	4518	4548	4640	124970
429	Chemistry: Electrical Current Producing Apparatus, Product, and Process	5585	450	490	551	677	665	694	700	894	982	1129	1151	1164	961	1017	969	989	1268	2028	1963	2351	2438	29116
430	Radiation Imagery Chemistry: Process, Composition, or Product Thereof	17209	1822	1970	1789	1798	1708	2084	2213	2286	2264	2129	2187	2100	1624	1940	1596	1613	1625	1992	1859	1928	1816	57552
431	Combustion	4297	277	252	286	266	219	318	381	381	321	278	302	282	257	153	138	105	166	200	169	184	231	9463
432	Heating	4237	198	195	159	153	149	217	228	213	193	192	173	131	89	82	63	79	74	95	107	104	110	7241
433	Dentistry	4216	344	382	286	355	348	531	508	451	553	458	390	335	315	415	341	239	193	354	380	439	509	12342
434	Education and Demonstration	3799	374	315	320	344	332	476	483	498	426	424	445	421	366	368	300	238	246	351	375	497	679	12077
435	Chemistry: Molecular Biology and Microbiology	15106	2258	2176	2250	3081	4139	6133	6215	5605	6274	5729	5298	4616	4131	5277	5194	4789	4912	6438	6552	6810	7153	120136
436	Chemistry: Analytical and Immunological Testing	8340	1045	950	949	1037	1144	1457	1336	1156	1298	1261	1259	1119	927	978	1103	1084	1039	1594	1652	1580	1618	33926
	Semiconductor Device Manufacturing:																							

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
438	Process	10257	1487	1634	1881	1811	2142	2978	4219	5439	6913	7006	6815	6959	6191	6526	6103	6071	6689	8938	8876	8349	9662	126946
439	Electrical Connectors	13513	1291	1347	1343	1468	1612	1869	2118	2753	2776	2652	2331	2541	2231	2791	2414	2608	2547	2980	2741	2408	2329	60663
440	Marine Propulsion	1973	182	180	180	191	163	210	216	271	265	266	243	247	259	253	225	206	180	162	180	191	179	6422
441	Buoys, Rafts, and Aquatic Devices	1571	111	139	125	119	119	141	129	155	150	129	132	126	114	150	124	97	76	99	91	100	116	4113
442	Fabric (Woven, Knitted, or Nonwoven Textile or Cloth, Etc.)	3913	338	359	385	356	427	478	491	443	397	289	363	427	288	257	252	250	277	427	402	329	281	11429
445	Electric Lamp or Space Discharge Component or Device Manufacturing	1379	94	70	80	125	149	182	217	251	212	203	274	301	276	283	220	155	228	329	389	368	317	6102
446	Amusement Devices: Toys	4691	345	385	338	351	292	445	434	516	451	467	511	440	282	258	234	214	226	300	340	276	320	12116
449	Bee Culture	127	1	5	4	3	8	3	3	4	2	8	8	6	4	5	1	3	5	4	6	2	7	219
450	Foundation Garments	299	23	13	26	28	35	42	70	83	71	67	29	47	48	59	51	54	41	58	59	96	68	1367
451	Abrading	5695	460	389	408	455	547	553	694	841	1065	994	949	919	886	969	697	481	439	450	495	588	642	19616
452	Butchering	1682	124	120	95	105	72	103	106	125	118	67	78	73	62	112	95	104	101	99	96	80	104	3721
453	Coin Handling	388	27	30	35	43	18	21	34	40	32	20	50	31	15	26	22	17	20	24	16	17	23	949
454	Ventilation	3159	228	262	194	227	219	320	301	355	384	377	394	390	303	271	226	215	265	333	296	302	381	9402
455	Telecommunications	6932	833	929	1101	1485	1296	2056	2463	2769	2621	2679	2750	3205	3356	5577	4968	4931	5556	7147	9016	11909	12986	96565
460	Crop Threshing or Separating	492	22	30	44	47	26	44	55	42	53	58	42	49	49	44	41	34	43	46	53	54	29	1397
462	Books, Strips, and Leaves for Manifolding	339	29	34	31	10	11	14	19	31	24	23	5	11	5	5	1	4	0	2	1	4	6	609
463	Amusement Devices: Games	988	94	111	115	110	197	324	311	364	488	502	618	584	508	483	456	549	535	1054	1210	1999	2125	13725
464	Rotary Shafts, Gudgeons, Housings, and Flexible Couplings for Rotary Shafts	2992	221	208	165	184	245	276	235	264	348	255	210	217	179	208	168	175	171	218	247	299	255	7740
470	Threaded, Headed Fastener, or Washer Making: Process and Apparatus	584	32	26	18	33	28	35	37	26	29	30	24	18	17	36	17	25	15	15	23	17	22	1107
472	Amusement Devices	805	73	75	81	91	84	115	103	96	84	99	95	95	85	66	61	57	51	121	122	107	113	2679
473	Games Using Tangible Projectile	5263	547	693	717	687	681	921	766	675	722	764	795	750	700	848	746	599	616	825	883	918	938	21054
474	Endless Belt Power Transmission Systems or Components	3094	253	213	211	145	182	218	211	252	215	281	237	192	184	222	173	124	119	229	276	238	233	7502
475	Planetary Gear Transmission Systems or Components	2710	200	207	203	226	231	244	318	302	206	297	381	377	306	382	401	343	365	441	506	598	735	9979
476	Friction Gear Transmission Systems or Components	293	18	25	19	28	24	24	33	47	42	44	48	33	35	41	35	29	25	22	19	30	25	939
477	Interrelated Power Delivery Controls, Including Engine Control	2715	178	147	208	241	267	306	347	348	294	326	364	289	289	272	272	260	272	342	385	570	575	9267
482	Exercise Devices	3730	404	440	395	436	468	553	491	485	424	413	446	428	329	513	394	403	506	736	756	472	450	13672
483	Tool Changing	617	46	49	42	20	38	43	58	48	28	53	32	29	23	37	40	43	30	21	21	29	36	1383
492	Roll or Roller	1103	88	69	109	120	110	167	149	127	116	135	118	120	80	69	51	52	51	65	73	77	64	3113
493	Manufacturing Container or Tube From Paper; or Other Manufacturing From a Sheet or Web	3472	274	201	205	232	200	297	291	314	280	201	293	267	211	203	143	188	159	171	165	170	209	8146
494	Imperforate Bowl: Centrifugal Separators	1097	78	89	65	90	75	101	105	87	87	79	85	84	60	82	63	57	42	58	80	82	75	2721
501	Compositions: Ceramic	5825	591	571	433	429	457	439	470	396	471	466	440	380	290	318	263	246	352	397	372	436	367	14409
	Catalyst, Solid Sorbent, or Support																							

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
502	Therefor: Product or Process of Making	11541	777	670	615	601	601	801	820	998	983	984	924	871	690	746	639	605	728	1025	840	863	1022	28344
503	Record Receiver Having Plural Interactive Leaves or a Colorless Color Former, Method of Use, or Developer Therefor	1804	227	249	185	158	151	153	162	122	116	83	86	85	74	86	66	53	45	54	64	96	82	4201
504	Plant Protecting and Regulating Compositions	5314	294	251	251	291	322	294	306	285	282	280	231	169	150	125	89	70	76	143	142	252	338	9955
505	Superconductor Technology: Apparatus, Material, Process	2061	361	304	242	214	172	173	181	143	146	139	144	106	77	65	65	56	73	89	85	126	119	5141
506	Combinatorial Chemistry Technology: Method, Library, Apparatus	18	8	13	17	52	55	116	117	144	162	199	269	177	140	87	97	107	74	110	123	102	171	2358
507	Earth Boring, Well Treating, and Oil Field Chemistry	2045	103	98	67	82	111	105	108	99	124	99	106	127	88	165	162	123	157	241	260	206	223	4899
508	Solid Anti-Friction Devices, Materials Therefor, Lubricant or Separant Compositions for Moving Solid Surfaces, and Miscellaneous Mineral Oil Compositions	3229	242	276	240	260	230	269	221	235	264	194	210	162	93	94	92	109	137	243	262	254	284	7600
510	Cleaning Compositions for Solid Surfaces, Auxiliary Compositions Therefor, or Processes of Preparing the Compositions	5318	402	421	526	563	530	798	884	764	830	882	804	610	428	495	407	403	434	499	575	549	507	17629
512	Perfume Compositions	1117	49	49	31	43	36	51	33	54	56	51	48	37	38	50	52	41	58	72	30	43	60	2099
514	Drug, Bio-Affecting and Body Treating Compositions	36291	3327	2847	3326	3888	4938	5389	5728	5344	5693	5966	5347	4032	3546	4347	3934	3654	4125	5707	5572	6609	7853	137463
516	Colloid Systems and Wetting Agents; Subcombinations Thereof; Processes Of	2711	204	198	184	200	173	181	197	191	180	189	197	121	79	85	89	78	116	188	152	135	107	5955
518	Chemistry: Fischer-Tropsch Processes; or Purification or Recovery of Products Thereof	827	23	12	20	18	15	33	38	49	66	54	67	81	61	80	61	45	42	84	71	85	120	1952
520	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	6	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	1	14	25
521	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	6163	439	373	328	316	363	436	370	392	380	363	369	302	194	180	173	118	139	268	272	327	376	12641
522	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	3443	238	224	251	245	235	286	297	312	346	279	254	264	198	202	189	165	175	267	250	275	304	8699
523	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	7493	591	584	562	535	526	660	787	737	750	731	658	566	407	456	408	376	394	614	631	602	750	19818
524	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	20985	1606	1643	1388	1479	1448	1649	1876	1714	1762	1767	1721	1698	1098	1277	1136	975	1083	1584	1618	1732	1914	53153
525	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	20343	2003	1966	1534	1594	1439	1606	1548	1529	1644	1699	1610	1476	1050	1186	958	772	813	1307	1416	1340	1542	50375
526	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	10079	961	837	717	696	732	817	793	891	1149	1168	1140	1025	803	864	698	623	575	937	919	894	1025	28343
527	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	518	41	32	25	27	25	38	27	20	26	20	15	18	12	14	10	14	6	23	27	23	42	1003
528	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	16930	1446	1366	1161	1170	1161	1278	1320	1213	1266	1245	1205	1052	730	1021	741	630	714	1165	1119	1138	1310	40381
530	Chemistry: Natural Resins or Derivatives; Peptides or Proteins; Lignins or Reaction Products Thereof	7376	1116	914	986	1250	1859	2736	2667	2170	2282	2185	2072	1899	1651	2399	2330	2224	2171	2513	2445	2323	2681	50249
532	Organic Compounds -- Part of the Class 532-570 Series	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	1	0	3	0	4	2	13

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
534	Organic Compounds -- Part of the Class 532-570 Series	2952	191	191	160	197	183	244	198	168	129	140	99	108	83	149	83	90	79	96	69	83	77	5769
536	Organic Compounds -- Part of the Class 532-570 Series	6090	836	808	1053	1574	2194	3128	3265	2867	3170	2907	2785	2348	2058	2553	2345	2021	2103	2650	2664	2565	2525	54509
540	Organic Compounds -- Part of the Class 532-570 Series	7469	502	443	482	581	616	542	532	432	430	495	394	300	322	428	398	333	351	418	433	452	425	16778
544	Organic Compounds -- Part of the Class 532-570 Series	13494	1004	874	908	914	1043	1121	1098	1079	1172	1276	1125	975	978	1098	1139	1023	1113	1424	1395	1668	1939	37860
546	Organic Compounds -- Part of the Class 532-570 Series	14217	1192	1030	1078	1129	1323	1259	1298	1297	1273	1431	1358	1113	1016	1232	1143	1090	1289	1460	1566	1826	2058	41678
548	Organic Compounds -- Part of the Class 532-570 Series	15036	1163	990	1034	1172	1182	1104	1182	1146	1150	1293	1107	884	863	1089	1133	988	1030	1469	1470	1482	1568	39535
549	Organic Compounds -- Part of the Class 532-570 Series	10734	790	711	691	686	780	813	809	824	803	889	723	640	518	616	511	497	545	658	648	653	842	25381
552	Organic Compounds -- Part of the Class 532-570 Series	2195	124	99	136	133	123	134	128	125	98	138	115	87	77	97	82	52	60	93	82	104	96	4378
554	Organic Compounds -- Part of the Class 532-570 Series	2631	158	142	152	129	123	149	189	143	205	203	140	130	84	107	75	61	146	133	137	173	190	5600
556	Organic Compounds -- Part of the Class 532-570 Series	4655	415	349	336	383	360	362	417	391	491	423	335	308	240	306	268	213	232	302	270	278	350	11684
558	Organic Compounds -- Part of the Class 532-570 Series	7408	483	370	366	321	349	364	356	335	338	342	286	225	163	215	177	167	186	205	167	187	215	13225
560	Organic Compounds -- Part of the Class 532-570 Series	11162	760	589	554	498	571	622	577	588	635	678	554	406	336	374	371	324	305	339	363	436	457	21499
562	Organic Compounds -- Part of the Class 532-570 Series	8981	586	491	448	400	483	556	569	526	555	579	550	423	328	433	362	398	350	399	375	461	466	18719
564	Organic Compounds -- Part of the Class 532-570 Series	8597	596	520	535	491	582	641	613	605	633	647	558	458	404	448	456	444	402	496	483	543	622	19774
568	Organic Compounds -- Part of the Class 532-570 Series	10935	727	612	592	471	498	706	612	576	701	725	589	502	412	515	419	388	386	544	444	535	693	22582
570	Organic Compounds -- Part of the Class 532-570 Series	1607	156	135	145	127	117	167	135	141	161	134	98	98	80	100	89	67	63	105	133	119	148	4125
585	Chemistry of Hydrocarbon Compounds	5974	468	389	395	310	294	408	463	432	411	418	360	285	259	326	343	356	368	424	509	511	612	14315
588	Hazardous or Toxic Waste Destruction or Containment	945	116	165	189	205	179	184	168	141	121	127	99	69	47	74	62	58	60	101	93	107	101	3411
600	Surgery	10946	1346	1572	1593	1436	1293	2187	2103	2372	2302	2471	2739	2153	1720	1952	1908	1704	2000	3187	3429	4233	4918	59564
601	Surgery: Kinesitherapy	1947	171	163	214	185	175	235	190	207	228	198	217	209	142	192	192	181	152	215	245	276	322	6256
602	Surgery: Splint, Brace, or Bandage	2007	193	206	291	229	245	346	304	326	281	249	264	230	218	241	168	158	186	298	355	368	325	7488
604	Surgery	12646	1547	1845	1720	1616	1703	2251	2043	1901	1883	1860	2424	1687	1320	1312	1127	1052	1271	2334	2479	2976	3338	52335
606	Surgery	6368	1011	1332	1353	1405	1671	2136	2226	2187	2000	1797	2215	1659	1279	1527	1342	1116	1387	2545	3022	3785	4359	47722
607	Surgery: Light, Thermal, and Electrical Application	3227	376	504	525	489	479	781	775	884	925	877	979	781	756	945	966	677	787	1231	1469	1776	2123	22332
623	Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor	3499	323	404	341	500	512	690	742	830	917	967	1027	903	726	859	741	628	829	1357	1611	1813	1993	22212
700	Data Processing: Generic Control Systems or Specific Applications	6627	720	778	722	819	729	1281	1114	889	1052	1225	1519	1772	1625	2119	1709	1672	1673	2326	2447	2879	3146	38843
701	Data Processing: Vehicles, Navigation, and Relative Location	4804	579	577	657	707	605	1017	1226	1416	1859	1908	1940	1937	1886	1968	1860	1891	2042	2687	3045	4172	5196	43979

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
702	Data Processing: Measuring, Calibrating, or Testing	5483	458	546	511	732	697	981	809	831	1000	1354	1833	2146	2130	2528	2242	2197	2215	2662	2803	3018	3073	40249
703	Data Processing: Structural Design, Modeling, Simulation, and Emulation	602	117	167	194	275	310	424	455	413	430	351	391	526	596	991	787	879	989	1150	1252	1417	1430	14146
704	Data Processing: Speech Signal Processing, Linguistics, Language Translation, and Audio Compression/Decompression	1775	252	265	257	357	512	851	788	719	839	845	695	818	701	1264	1136	1170	1077	1345	1520	1881	2053	21120
705	Data Processing: Financial, Business Practice, Management, or Cost/Price Determination	1401	229	249	195	254	367	711	970	1021	818	835	868	900	1357	2120	1937	2525	2936	5268	5484	6657	7897	44999
706	Data Processing: Artificial Intelligence	853	388	296	343	343	339	483	259	254	294	299	401	304	350	476	340	506	657	911	1060	1140	1345	11641
707	Data Processing: Database and File Management or Data Structures	882	242	310	431	560	704	1513	1733	1674	1931	2231	2498	2674	2520	3796	3464	3792	4322	5376	5382	6350	6590	58975
708	Electrical Computers: Arithmetic Processing and Calculating	5050	503	471	444	524	510	684	691	500	484	459	461	482	404	614	408	491	454	527	561	604	734	16060
709	Electrical Computers and Digital Processing Systems: Multicomputer Data Transferring	579	151	197	263	473	556	1501	1639	1957	2020	2292	2299	2985	3018	4557	4283	4861	5884	8079	8349	9338	9457	74738
710	Electrical Computers and Digital Data Processing Systems: Input/Output	2169	358	451	555	920	1048	1538	1491	1460	1401	1397	1552	1947	1624	1906	1485	1634	1787	2257	2121	2194	2088	33383
711	Electrical Computers and Digital Processing Systems: Memory	2580	407	583	738	1000	1078	1565	1546	1517	1697	1870	1944	2228	2096	2717	2287	2638	2571	2919	3181	3692	3479	44333
712	Electrical Computers and Digital Processing Systems: Processing Architectures and Instruction Processing (e.g., Processors)	2109	272	349	441	601	688	1204	1109	953	985	824	813	904	777	882	793	869	729	910	886	708	747	18553
713	Electrical Computers and Digital Processing Systems: Support	1290	256	325	422	517	627	1050	1015	1005	1069	1045	1186	1576	1783	2817	2782	3108	3361	4293	4266	5289	5841	44923
714	Error Detection/Correction and Fault Detection/Recovery	5848	746	961	1279	1570	1465	2192	2052	1927	2041	1979	2399	2531	2448	3561	3413	3484	3205	3650	3447	3725	4043	57966
715	Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing	1174	263	344	433	605	725	1239	1262	1168	1253	1236	1232	1320	1372	1929	1763	1733	2539	3238	3071	3829	4350	36078
716	Computer-Aided Design and Analysis of Circuits and Semiconductor Masks	298	79	107	156	209	219	315	302	295	480	630	895	777	743	1135	965	1065	1039	1215	1269	1406	1533	15132
717	Data Processing: Software Development, Installation, and Management	178	66	116	141	153	199	465	555	490	634	496	549	735	846	1255	1125	1160	1489	2041	1751	2293	2881	19618
718	Electrical Computers and Digital Processing Systems: Virtual Machine Task or Process Management or Task Management/Control	315	62	109	135	109	155	270	243	267	314	337	329	455	398	575	446	532	577	862	836	1350	1622	10298
719	Electrical Computers and Digital Processing Systems: Interprogram Communication or Interprocess Communication (Ipc)	101	30	69	116	113	126	249	289	265	392	411	357	511	460	615	453	632	691	742	695	849	869	9035
720	Dynamic Optical Information Storage or Retrieval	712	102	89	74	137	118	183	190	153	216	239	214	238	255	313	293	319	243	219	253	221	197	4978
725	Interactive Video Distribution Systems	720	88	97	139	273	275	428	457	372	330	345	385	441	385	709	566	638	956	1407	1589	1867	2304	14771
726	Information Security	98	21	31	32	61	88	205	287	356	373	285	307	503	511	969	1150	1420	1883	2628	2783	3810	4903	22704
800	Multicellular Living Organisms and Unmodified Parts Thereof and Related	201	38	99	91	254	283	498	670	632	667	556	527	614	521	779	907	762	947	1081	1150	1387	1536	14200

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
	Processes																							
850	Scanning-Probe Techniques or Apparatus; Applications of Scanning-Probe Techniques, e.g., Scanning Probe Microscopy [Spm]	626	105	117	132	110	87	112	117	112	158	161	224	228	210	11	3	5	29	68	77	95	112	2899
901	Robots	2550	204	157	154	147	132	185	183	160	165	177	182	148	143	201	165	134	129	169	203	254	336	6278
902	Electronic Funds Transfer	821	33	28	37	31	49	57	64	81	61	40	45	55	62	60	72	59	52	54	69	64	77	1971
903	Hybrid Electric Vehicles (Hevs)	75	9	26	18	29	26	73	100	100	138	220	216	167	96	17	91	107	73	111	92	146	142	2072
930	Peptide or Protein Sequence	2221	76	66	38	59	85	79	79	48	46	33	31	40	29	32	23	18	12	19	13	17	25	3089
968	Horology	3406	1	0	1	0	0	6	3	2	4	2	2	2	0	1	1	1	1	2	1	1	0	3437
976	Nuclear Technology	5792	9	21	23	23	19	25	5	10	3	4	6	3	3	5	4	1	1	3	0	3	8	5971
977	Nanotechnology	277	108	152	137	171	172	243	433	262	372	496	731	386	343	286	352	439	532	780	792	925	1130	9519
984	Musical Instruments	3168	0	0	0	0	0	0	0	2	2	2	4	1	0	1	2	3	1	1	0	0	3	3190
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	5165	0	1	1	1	5	4	0	9	5	2	4	2	1	1	0	0	0	2	2	0	0	5205
D01	Edible Products	420	52	48	41	61	52	58	56	69	66	51	45	125	88	139	64	63	147	89	110	65	91	2000
D02	Apparel and Haberdashery	3094	481	457	348	383	536	739	614	539	501	507	551	600	507	922	987	1141	931	945	950	969	927	17629
D03	Travel Goods and Personal Belongings	3838	466	431	455	453	463	565	601	600	628	579	574	537	479	700	718	688	675	759	635	725	753	16322
D04	Brushware	871	131	117	161	156	142	169	153	191	204	284	204	144	166	198	168	234	176	155	146	175	194	4539
D05	Textile or Paper Yard Goods; Sheet Material	387	26	13	33	30	40	52	53	98	75	52	41	69	94	91	87	79	72	103	170	176	149	1990
D06	Furnishings	11864	1456	1203	1514	1500	1271	1655	1648	1866	1924	1702	1668	1631	1255	1720	2175	1992	1811	1618	1408	1706	1578	46165
D07	Equipment for Preparing or Serving Food or Drink Not Elsewhere Specified	7465	802	736	697	883	675	872	865	1053	1099	846	1053	959	762	1247	1476	1501	1247	1428	1220	1357	1464	29707
D08	Tools and Hardware	8184	910	921	919	912	896	1186	1158	1384	1113	1048	1206	1120	883	1511	1665	1784	1355	1213	1276	1180	1120	32944
D09	Packages and Containers for Goods	5618	601	642	662	644	669	805	814	958	952	764	955	735	785	1205	1487	1414	1528	1472	1385	1374	1467	26936
D10	Measuring, Testing, or Signalling Instruments	5391	580	649	780	537	611	787	713	719	751	650	533	573	532	718	798	965	775	722	577	692	630	19683
D11	Jewelry, Symbolic Insignia, and Ornaments	3603	400	376	477	404	446	498	412	426	497	457	437	416	367	514	515	573	529	530	544	529	515	13465
D12	Transportation	7208	917	819	780	783	874	1099	997	1265	1132	1099	1115	1319	990	1487	1532	1650	1789	1711	1433	1420	1567	32986
D13	Equipment for Production, Distribution, or Transformation of Energy	2961	386	397	390	389	338	528	685	684	592	676	720	578	597	1035	1109	1379	1372	1257	1202	1168	1245	19688
D14	Recording, Communication, or Information Retrieval Equipment	7309	963	1052	1100	1106	1080	1358	1379	1648	1431	1492	1800	1795	1344	2481	2923	3471	3192	2815	2538	2735	3434	48446
D15	Machines Not Elsewhere Specified	3466	383	284	381	365	276	382	381	438	411	431	418	438	343	650	694	625	585	643	644	717	822	13777
D16	Photography and Optical Equipment	1795	192	226	232	281	259	406	362	463	365	290	417	322	301	416	717	586	471	440	465	479	522	10007
D17	Musical Instruments	719	54	81	53	59	49	67	72	39	54	46	60	37	48	65	66	110	68	66	55	50	64	1982
D18	Printing and Office Machinery	3059	298	258	294	286	244	234	224	311	296	218	242	201	160	455	418	295	280	251	251	185	250	8710
D19	Office Supplies; Artists' and Teachers' Materials	2927	368	288	372	235	308	410	414	434	453	418	428	459	373	382	484	605	421	376	398	386	386	11325
D20	Sales and Advertising Equipment	1055	137	169	156	129	182	219	182	227	154	104	184	147	136	143	144	137	165	183	178	189	201	4521
D21	Games, Toys, and Sports Goods	8458	813	1061	1061	928	889	1219	1129	1207	970	826	864	794	696	1143	1092	1207	993	913	1008	856	966	29093

Class	Class Title	PRE_1993	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
D22	Arms, Pyrotechnics, Hunting and Fishing Equipment	2085	153	188	205	226	159	189	196	198	173	178	194	160	150	205	191	192	234	276	299	278	352	6481
D23	Environmental Heating and Cooling; Fluid Handling and Sanitary Equipment	5372	494	594	615	580	600	834	860	1036	931	988	934	850	814	1585	1374	1478	1293	1357	1106	1067	1189	25951
D24	Medical and Laboratory Equipment	5898	567	598	611	589	502	587	639	735	816	629	740	609	384	604	1016	1086	1097	1386	1240	1263	1513	23109
D25	Building Units and Construction Elements	3285	286	335	374	312	345	363	381	408	406	438	386	362	326	322	448	476	449	514	358	457	463	11494
D26	Lighting	2840	309	398	421	505	489	581	595	856	959	731	792	714	529	916	1197	1368	1207	1251	1313	1188	1186	20345
D27	Tobacco and Smokers' Supplies	528	25	37	37	39	47	90	94	66	85	98	68	79	59	109	124	79	79	86	54	54	81	2018
D28	Cosmetic Products and Toilet Articles	2122	175	281	200	217	215	232	241	423	374	290	306	283	212	336	341	346	313	352	364	371	328	8322
D29	Equipment for Safety, Protection, and Rescue	735	81	98	119	109	93	82	93	103	89	117	75	103	67	129	153	170	161	119	155	201	170	3222
D30	Animal Husbandry	1363	220	207	211	210	158	136	123	210	138	132	149	143	151	180	225	229	201	290	261	292	259	5488
D32	Washing, Cleaning, or Drying Machine	1775	168	225	239	223	239	259	230	337	299	277	314	279	207	435	541	499	397	423	379	415	419	8579
D34	Material or Article Handling Equipment	2487	389	289	299	220	163	250	226	228	218	212	228	184	105	263	389	290	284	244	282	264	176	7690
D99	Miscellaneous	558	67	53	83	57	71	86	74	88	116	57	100	114	62	63	45	58	40	88	69	82	65	2096
G9B	Information Storage Based On Relative Movement Between Record Carrier and Transducer	21462	2365	2465	2566	2801	2930	3990	3697	3698	3792	3977	4137	4370	3496	4784	4065	3912	205	20	13	23	11	78779
PLT	Plants	4072	442	499	389	367	398	563	422	551	586	1134	994	1019	716	1149	1047	1241	1011	989	827	862	851	20129
ALL	ALL CLASSES (in this total, a patent is counted once for each class in which it has been classified)	2336476	193361	197059	196559	209938	213260	278045	285273	291420	304040	305108	309500	300409	261438	318399	291846	291865	295331	378457	382872	428444	464573	8533673

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