

Patent Counts By Class By Year - Independent Inventors JANUARY 1977 -- DECEMBER 2015

[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

An independent inventor patent is a patent for which ownership is either unassigned (i.e., patent rights are held by the inventor) or assigned to an individual at the time of grant. This report is limited to only such independent inventor patents. Patents for which ownership is assigned to an organization at the time of grant are excluded from this 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, 2015. Please refer to the U.S. Patent and Trademark Office *Manual of Patent Classification* for further information regarding the patent classification system.

Please note that the U.S. Patent and Trademark Office has transitioned from the U.S. Patent Classification System (USPC) to the Cooperative Patent Classification System (CPC) and that USPC classifications generally are no longer available for U.S. utility patents that issued after early June, 2015. Therefore, in this report, USPC classifications for utility patents issuing after early June 2015 have been determined as a best estimate based on USPC classifications that were assigned to the associated patent applications during early processing stages and based on other information, as available. As a result of the transition to CPC, utility patents granted after early June 2015 have fewer "cross-reference classifications" and often may have no "cross-reference classifications" associated with them. An effect of this change can be seen in the substantially reduced total count of annual "original" and "cross-reference classifications" for 2015 as compared to 2014 (table in Part II). About 90% of all patent documents granted by USPTO (i.e., including utility, design, plant, and reissue patents, statutory invention registrations, and defensive publications) are utility patent grants.

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

Report Printing and the Use of Spreadsheet Software

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

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

Patent Counts By Class By Year - Independent Inventors
Patents Granted: 1977 - 2015
A Patent Technology Monitoring Team Report

Part I, Patent Counts By Class By Year - Independent Inventors
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, Independent Inventor Patents, Breakout by U.S. Patent Classification System Class.
Patent Counts Based on ORIGINAL Patent Classification Only are presented.
Patents Granted: 01/01/1977 - 12/31/2015

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
002	Apparel	2509	152	266	296	348	427	372	375	308	205	220	178	206	129	123	81	179	179	184	182	184	203	7306
004	Baths, Closets, Sinks, and Spitoons	2258	152	136	152	212	264	218	201	236	198	177	133	123	111	84	54	108	141	158	123	127	138	5504
005	Beds	2216	152	208	175	181	190	206	177	166	189	188	186	169	120	138	139	162	144	155	174	203	178	5816
007	Compound Tools	276	12	24	17	23	23	26	34	24	14	21	21	21	23	2	8	10	14	8	17	6	18	642
008	Bleaching and Dyeing; Fluid Treatment and Chemical Modification of Textiles and Fibers	238	14	17	14	22	18	17	16	15	14	6	8	7	7	9	7	9	10	11	5	4	3	471
012	Boot and Shoe Making	101	3	2	3	5	13	1	6	2	6	6	1	2	2	4	1	3	5	3	0	4	3	176
014	Bridges	149	16	15	10	10	17	6	7	15	11	17	8	11	16	11	10	10	12	17	19	15	8	410
015	Brushing, Scrubbing, and General Cleaning	2518	199	236	181	237	238	251	186	175	175	137	111	106	123	126	104	152	122	147	177	167	176	6044
016	Miscellaneous Hardware (e.g., Bushing, Carpet Fastener, Caster, Door Closer, Panel Hanger, Attachable or Adjunct Handle, Hinge, Window Sash Balance, Etc.)	691	55	69	66	92	76	70	64	97	78	67	57	50	38	21	36	55	55	41	64	60	78	1980
019	Textiles: Fiber Preparation	170	10	6	8	5	10	10	8	14	4	1	0	3	1	3	3	2	3	3	4	2	2	272
023	Chemistry: Physical Processes	19	1	0	0	1	1	3	0	1	1	0	0	0	1	0	1	1	1	1	3	0	0	35
024	Buckles, Buttons, Clasps, Etc.	1399	98	95	131	121	116	121	130	126	141	79	46	79	61	55	54	64	65	86	99	87	85	3338
026	Textiles: Cloth Finishing	50	1	4	5	1	4	2	2	0	0	1	0	2	2	1	1	4	0	5	0	1	0	86
027	Undertaking	101	5	5	12	11	9	5	9	6	15	6	2	9	18	15	12	15	21	17	12	13	17	335
028	Textiles: Manufacturing	84	6	5	4	4	7	4	3	4	1	7	2	4	1	3	3	1	1	2	3	1	2	152
029	Metal Working	2506	133	131	144	137	120	152	158	142	157	136	125	140	115	81	82	109	129	150	145	156	171	5319
030	Cutlery	1975	98	124	97	136	137	129	116	146	124	127	93	87	74	49	51	68	72	60	75	82	56	3976
033	Geometrical Instruments	2472	167	121	96	132	112	143	148	134	150	163	169	120	141	113	133	145	135	102	90	107	87	5180
034	Drying and Gas or Vapor Contact with Solids	840	49	43	56	59	75	78	51	49	41	40	39	38	21	36	11	18	26	34	21	38	45	1708
036	Boots, Shoes, and Leggings	1152	64	65	86	126	106	96	83	76	76	81	66	67	69	55	57	87	59	69	72	64	73	2749
037	Excavating	608	31	47	29	36	43	49	40	49	33	34	30	22	17	12	35	48	29	33	25	34	25	1309
038	Textiles: Ironing or Smoothing	176	9	13	7	11	14	10	11	9	7	11	8	7	14	7	4	13	2	9	14	7	8	371

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
040	Card, Picture, or Sign Exhibiting	1743	100	92	98	124	135	154	140	148	180	131	101	96	101	106	93	88	115	92	87	119	80	4123
042	Firearms	1090	82	63	84	88	77	49	77	104	108	88	65	66	65	60	61	79	99	126	113	171	187	3002
043	Fishing, Trapping, and Vermin Destroying	3194	163	223	135	139	263	214	141	183	205	171	135	130	98	101	107	133	97	108	107	134	133	6314
044	Fuel and Related Compositions	266	14	12	9	4	15	22	10	10	14	14	10	6	5	9	17	17	8	12	20	17	12	523
047	Plant Husbandry	1277	106	100	62	88	103	124	98	103	94	52	60	62	41	34	48	90	56	83	83	69	78	2911
048	Gas: Heating and Illuminating	131	6	0	2	7	3	4	3	0	2	6	1	8	5	3	7	8	13	13	11	10	6	249
049	Movable or Removable Closures	817	60	61	41	55	47	50	57	42	35	53	27	30	22	16	21	24	12	37	57	43	45	1652
051	Abrasive Tool Making Process, Material, or Composition	146	8	5	14	4	4	6	4	5	4	3	2	2	3	2	0	1	3	6	6	5	5	238
052	Static Structures (e.g., Buildings)	5323	301	384	431	495	465	459	529	433	401	359	295	234	180	170	235	374	315	390	487	542	500	13302
053	Package Making	961	65	60	51	71	57	54	47	33	37	53	53	30	26	41	41	35	34	30	30	18	26	1853
054	Harness for Working Animal	211	12	13	9	20	8	20	17	24	28	18	10	20	19	20	13	5	8	14	10	6	5	510
055	Gas Separation	399	15	25	17	35	36	28	33	24	30	29	16	21	18	25	27	24	28	20	33	16	22	921
056	Harvesters	1179	88	75	39	65	80	71	48	64	43	48	57	42	22	19	26	35	26	29	27	26	28	2137
057	Textiles: Spinning, Twisting, and Twining	473	14	8	16	34	17	10	15	10	5	6	0	5	2	5	1	1	6	2	3	1	0	634
059	Chain, Staple, and Horseshoe Making	97	7	6	10	4	9	6	4	5	11	9	11	6	6	5	5	2	1	1	5	5	2	217
060	Power Plants	1745	56	61	69	82	86	91	100	92	84	91	82	116	63	48	51	68	75	66	119	111	104	3460
062	Refrigeration	2002	110	127	122	150	144	156	192	201	170	116	89	105	106	74	54	81	67	64	73	65	69	4337
063	Jewelry	313	30	25	32	21	24	25	19	30	30	24	18	19	24	25	14	15	10	20	18	25	23	784
065	Glass Manufacturing	241	4	6	5	11	22	8	7	18	12	8	10	9	5	4	3	2	5	4	2	3	2	391
066	Textiles: Knitting	222	3	12	15	10	12	18	20	14	6	11	10	10	7	3	10	13	10	3	6	4	7	426
068	Textiles: Fluid Treating Apparatus	169	12	11	7	15	15	10	8	15	14	2	2	2	2	11	5	4	3	5	3	4	13	332
069	Leather Manufactures	46	0	2	1	0	0	1	1	1	1	2	1	0	1	1	1	2	0	0	0	0	0	61
070	Locks	1638	122	103	128	174	170	104	92	121	129	96	88	79	58	71	60	46	48	48	52	61	47	3535
071	Chemistry: Fertilizers	179	16	14	19	17	11	11	12	19	8	8	1	4	0	4	4	8	8	11	8	16	20	398
072	Metal Deforming	1333	40	57	63	84	83	69	52	46	42	37	42	71	54	38	34	34	22	44	29	27	30	2331
073	Measuring and Testing	3352	203	217	189	209	196	166	167	205	219	179	161	162	160	181	136	126	117	124	130	128	125	6852
074	Machine Element or Mechanism	1410	85	109	90	102	112	101	86	58	73	53	32	41	46	28	40	32	38	48	59	47	72	2762
075	Specialized Metallurgical Processes, Compositions for Use Therein, Consolidated Metal Powder Compositions, and Loose Metal Particulate Mixtures	357	25	12	14	17	14	14	27	25	17	8	8	7	8	4	9	10	8	9	14	9	10	626
076	Metal Tools and Implements, Making	210	16	10	10	7	3	15	5	3	7	1	3	3	2	3	1	0	1	3	3	3	1	310
079	Button Making	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
081	Tools	1805	91	116	79	118	182	215	251	187	139	157	177	236	184	129	59	94	84	100	153	143	127	4826

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
082	Turning	326	7	9	19	19	19	15	22	13	30	12	12	9	3	3	2	11	12	8	9	8	7	575
083	Cutting	1420	51	58	47	72	93	73	66	45	57	99	52	57	47	30	39	38	40	39	48	41	52	2564
084	Music	1849	124	128	95	130	158	173	152	121	131	123	96	132	149	161	185	214	162	172	174	206	207	5042
086	Ammunition and Explosive-Charge Making	118	5	2	4	5	1	6	2	6	3	1	4	6	1	2	9	9	1	1	4	4	10	204
087	Textiles: Braiding, Netting, and Lace Making	40	0	1	2	1	5	2	0	5	5	5	1	2	3	2	0	2	1	1	2	0	0	80
089	Ordinance	387	32	17	20	27	28	21	29	31	31	35	19	20	24	25	21	34	47	54	51	58	61	1072
091	Motors: Expansible Chamber Type	391	4	9	9	10	6	9	5	8	6	8	4	5	5	1	3	3	2	2	3	6	4	503
092	Expansible Chamber Devices	323	22	16	7	18	12	10	13	15	17	9	8	6	14	12	6	5	7	6	4	6	14	550
095	Gas Separation: Processes	335	14	16	21	23	28	14	28	27	22	17	22	16	11	16	9	27	29	34	37	36	23	805
096	Gas Separation: Apparatus	486	21	27	19	21	27	22	25	25	17	23	23	24	15	12	19	25	15	23	20	26	22	937
099	Foods and Beverages: Apparatus	1319	126	102	130	148	133	149	150	110	96	89	60	64	27	48	33	65	48	67	69	88	80	3201
100	Presses	603	29	28	34	37	25	21	22	11	27	16	14	25	15	22	14	8	13	10	18	18	12	1022
101	Printing	754	69	39	49	67	50	56	53	36	49	52	27	42	17	10	19	15	17	13	14	21	17	1486
102	Ammunition and Explosives	418	32	18	15	19	21	11	34	28	27	28	24	21	24	21	20	24	34	34	30	28	22	933
104	Railways	352	24	20	25	22	18	14	20	29	23	21	22	8	5	14	24	18	20	19	21	23	13	755
105	Railway Rolling Stock	159	8	13	11	12	3	12	14	12	6	6	11	7	5	4	7	9	10	7	8	6	3	333
106	Compositions: Coating or Plastic	527	35	44	33	39	44	32	39	32	39	38	24	20	25	17	18	29	30	36	28	19	15	1163
108	Horizontally Supported Planar Surfaces	720	62	83	77	77	83	103	68	63	66	72	43	43	14	28	36	35	48	66	69	54	59	1969
109	Safes, Bank Protection, or a Related Device	171	3	5	11	9	9	8	3	7	5	2	4	2	3	1	1	3	1	5	8	3	9	273
110	Furnaces	538	29	23	19	30	15	17	21	19	12	15	16	18	5	10	6	8	5	12	4	5	11	838
111	Planting	316	23	28	22	10	22	21	29	19	24	13	12	18	7	14	21	20	12	9	17	10	15	682
112	Sewing	442	16	20	18	32	40	29	35	26	11	16	19	20	9	13	12	11	10	14	12	12	15	832
114	Ships	2311	138	147	139	141	154	175	147	133	137	108	162	155	130	102	96	91	98	102	66	113	127	4972
116	Signals and Indicators	631	38	35	28	23	32	41	37	42	32	44	33	28	27	27	24	33	17	22	23	20	38	1275
117	Single-Crystal, Oriented-Crystal, and Epitaxy Growth Processes; Non-Coating Apparatus Therefor	93	7	3	4	9	8	8	7	4	3	3	3	3	7	16	5	4	7	8	9	4	3	218
118	Coating Apparatus	582	43	32	37	40	47	32	32	34	31	21	15	22	14	14	17	14	20	14	18	21	11	1111
119	Animal Husbandry	2355	164	194	186	288	227	216	207	256	249	176	156	180	154	120	95	141	168	173	170	175	171	6221
122	Liquid Heaters and Vaporizers	354	11	11	6	16	15	14	11	10	25	11	13	11	8	6	11	7	6	10	4	6	8	574
123	Internal-Combustion Engines	2972	131	137	123	159	135	129	195	147	156	132	138	156	133	128	98	114	99	99	117	117	108	5723
124	Mechanical Guns and Projectors	764	67	70	91	59	60	56	60	52	67	80	48	48	53	33	42	78	52	56	64	73	66	2039
125	Stone Working	170	8	10	15	10	12	14	16	12	11	17	14	24	10	11	2	7	4	4	9	8	5	393
126	Stoves and Furnaces	3093	75	65	61	73	93	102	90	48	70	65	63	37	18	19	30	46	61	61	63	67	62	4362

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total	
127	Sugar, Starch, and Carbohydrates	59	3	2	1	4	6	1	4	1	0	0	1	1	2	1	0	2	1	0	2	1	3	95	
128	Surgery	1883	191	215	205	245	195	176	170	171	160	159	115	126	81	64	59	93	101	124	117	133	108	4891	
131	Tobacco	500	22	23	22	41	27	29	13	19	17	24	9	8	6	5	9	9	17	20	28	26	32	906	
132	Toilet	1015	72	87	88	169	195	141	104	86	75	57	25	46	62	36	40	34	54	80	81	95	108	2750	
134	Cleaning and Liquid Contact with Solids	888	90	68	56	76	120	98	79	83	74	48	34	33	37	33	37	35	52	39	61	56	59	2156	
135	Tent, Canopy, Umbrella, or Cane	738	62	77	84	90	80	83	127	79	71	87	63	44	64	63	65	72	89	69	94	85	96	2382	
136	Batteries: Thermoelectric and Photoelectric	217	13	16	11	14	9	22	15	19	10	14	9	8	6	0	13	13	30	28	22	29	45	563	
137	Fluid Handling	2953	147	141	143	171	237	251	223	128	126	135	128	137	118	80	69	95	71	96	124	132	147	5852	
138	Pipes and Tubular Conduits	465	30	29	23	45	63	52	45	34	24	23	24	20	17	16	27	24	27	27	25	32	34	1106	
139	Textiles: Weaving	206	11	11	7	7	5	8	8	5	1	8	7	8	1	3	1	6	4	6	4	2	7	326	
140	Wireworking	137	8	7	5	9	5	8	6	3	5	2	1	10	7	2	4	1	3	1	1	5	2	232	
141	Fluent Material Handling, with Receiver or Receiver Coacting Means	835	69	72	68	62	76	68	88	81	60	80	66	52	51	22	31	45	48	38	46	51	52	2061	
142	Wood Turning	31	1	1	2	1	5	2	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	45	
144	Woodworking	987	50	40	44	53	59	62	52	59	61	31	19	49	30	27	24	38	44	21	10	4	12	1776	
147	Coopering	3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
148	Metal Treatment	237	14	9	15	15	14	19	26	22	26	21	8	2	4	9	10	6	4	8	17	5	7	498	
149	Explosive and Thermic Compositions or Charges	65	1	4	3	3	0	2	3	1	2	2	3	0	0	0	2	1	5	5	3	1	1	107	
150	Purses, Wallets, and Protective Covers	179	10	14	6	13	13	24	21	14	15	10	7	10	10	10	19	11	9	13	11	23	19	461	
152	Resilient Tires and Wheels	373	14	13	16	16	17	22	17	13	21	13	11	17	12	11	10	12	11	23	11	19	10	682	
156	Adhesive Bonding and Miscellaneous Chemical Manufacture	1853	136	107	109	127	141	129	140	122	111	103	52	62	53	40	38	79	77	73	88	72	50	3762	
157	Wheelwright Machines	113	5	4	1	2	3	5	7	2	1	1	2	3	5	6	4	3	4	5	4	5	5	190	
159	Concentrating Evaporators	58	3	2	0	3	1	1	0	1	0	0	2	2	0	0	1	1	1	3	1	0	3	83	
160	Flexible or Portable Closure, Partition, or Panel	844	70	69	82	84	86	111	92	81	70	74	62	57	53	35	38	55	44	63	46	64	71	2251	
162	Paper Making and Fiber Liberation	224	12	15	12	20	10	13	21	9	9	6	4	7	10	8	13	6	11	12	12	9	8	451	
163	Needle and Pin Making	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
164	Metal Founding	511	12	31	13	21	13	6	20	31	23	12	17	18	7	7	2	10	13	12	9	7	8	803	
165	Heat Exchange	1099	52	48	27	49	51	39	53	42	36	70	37	61	26	24	17	17	19	19	24	19	33	1862	
166	Wells	1069	67	58	53	73	55	81	126	70	78	69	50	77	75	82	55	103	69	82	92	116	124	2724	
168	Fariery	102	2	4	6	6	4	11	8	9	7	5	6	2	4	5	8	2	0	2	3	5	3	204	
169	Fire Extinguishers	307	9	25	31	31	42	40	24	26	20	12	17	23	16	10	13	21	12	13	20	26	31	769	
171	Unearthing Plants or Buried Objects	82	3	1	1	2	1	4	2	5	0	1	1	5	0	1	1	4	0	0	1	1	1	117	
172	Earth Working	916	50	47	42	65	51	55	49	41	33	32	34	26	10	10	15	18	25	20	19	21	25	1604	

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
173	Tool Driving or Impacting	347	16	15	15	28	21	28	15	10	21	24	19	18	12	9	6	8	10	16	8	12	13	671
174	Electricity: Conductors and Insulators	565	49	39	48	83	78	59	84	95	80	72	102	87	61	64	75	65	51	54	52	56	51	1970
175	Boring or Penetrating the Earth	805	46	45	29	53	45	42	49	39	37	33	33	34	53	47	58	68	37	50	41	34	33	1711
177	Weighing Scales	329	11	2	12	19	13	10	15	13	19	14	6	9	21	7	15	10	6	6	11	18	8	574
178	Telegraphy	51	4	5	3	3	0	3	0	2	0	0	0	0	0	1	0	0	1	0	3	1	1	78
180	Motor Vehicles	1205	59	66	35	60	70	73	70	79	75	56	81	84	73	69	75	99	77	81	112	94	71	2764
181	Acoustics	588	24	26	32	38	54	53	31	35	42	22	26	11	15	26	39	29	39	33	37	43	41	1284
182	Fire Escape, Ladder, or Scaffold	1479	74	75	80	111	130	102	67	95	78	99	80	87	65	30	19	39	54	81	76	90	68	3079
184	Lubrication	210	23	25	11	15	17	14	20	12	7	7	5	8	4	4	3	6	2	6	4	5	4	412
185	Motors: Spring, Weight, or Animal Powered	28	0	0	3	0	1	2	1	1	1	0	1	0	0	0	1	2	1	2	3	1	2	50
186	Merchandising	52	6	5	5	4	0	3	4	2	2	4	0	1	1	0	0	0	1	0	1	3	1	95
187	Elevator, Industrial Lift Truck, or Stationary Lift for Vehicle	201	12	22	16	16	28	17	16	14	11	10	6	15	18	11	10	6	6	14	6	12	8	475
188	Brakes	539	46	58	43	41	55	45	52	79	44	31	40	45	31	24	25	22	29	22	34	37	37	1379
190	Trunks and Hand-Carried Luggage	209	22	23	19	16	17	16	20	20	22	10	7	11	7	8	9	8	12	13	24	9	16	518
191	Electricity: Transmission To Vehicles	78	4	3	7	4	2	4	13	6	5	3	4	3	3	0	2	0	3	2	4	5	2	157
192	Clutches and Power-Stop Control	337	18	30	20	16	27	18	18	15	11	10	14	8	10	7	7	10	6	7	12	19	14	634
193	Conveyors, Chutes, Skids, Guides, and Ways	113	3	3	2	1	8	9	9	13	1	4	4	6	4	3	4	6	4	2	4	4	10	217
194	Check-Actuated Control Mechanisms	211	18	15	7	7	15	5	8	5	9	7	1	4	6	1	4	4	0	2	2	1	1	333
196	Mineral Oils: Apparatus	19	1	1	0	4	1	1	0	1	0	0	0	0	0	0	0	1	0	0	2	0	0	31
198	Conveyors: Power-Driven	1061	49	44	45	57	55	70	63	66	56	50	39	42	36	37	29	45	38	28	45	30	48	2033
200	Electricity: Circuit Makers and Breakers	702	32	32	32	54	38	20	21	39	31	51	41	33	35	30	21	24	28	26	16	16	28	1350
201	Distillation: Processes, Thermolytic	46	2	0	3	2	1	0	0	1	2	0	1	3	0	1	3	5	2	5	2	2	6	87
202	Distillation: Apparatus	285	9	8	15	8	7	9	5	8	6	5	2	3	2	6	5	6	4	7	11	7	5	423
203	Distillation: Processes, Separatory	254	43	7	12	28	20	8	9	11	3	6	8	5	0	4	7	4	8	8	8	8	5	466
204	Chemistry: Electrical and Wave Energy	807	58	33	50	36	38	56	67	45	39	29	19	23	15	21	12	30	23	38	36	33	32	1540
205	Electrolysis: Processes, Compositions Used Therein, and Methods of Preparing the Compositions	546	38	26	19	25	28	30	48	34	17	25	12	12	20	12	12	15	18	24	20	15	16	1012
206	Special Receptacle or Package	3184	232	216	235	343	321	312	243	217	192	174	186	131	122	136	135	163	160	168	173	180	198	7421
208	Mineral Oils: Processes and Products	212	6	16	6	7	13	8	7	5	7	4	3	5	5	7	2	7	8	9	14	7	15	373
209	Classifying, Separating, and Assorting Solids	768	35	28	32	36	43	37	36	36	15	27	29	22	11	18	18	25	26	17	29	37	39	1364
210	Liquid Purification or Separation	3562	250	267	255	258	281	273	310	248	208	208	204	187	183	167	168	198	176	175	151	129	151	8009
211	Supports: Racks	1450	97	144	134	190	153	156	139	124	120	105	96	95	71	46	46	73	103	74	109	104	118	3747

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
212	Traversing Hoists	178	4	5	8	17	16	10	9	8	8	5	5	5	7	11	10	4	3	1	2	2	5	323
213	Railway Draft Appliances	34	0	2	0	1	0	3	4	2	1	3	1	4	1	0	1	2	2	1	2	1	1	66
215	Bottles and Jars	754	51	32	35	42	50	41	38	33	23	22	20	19	16	9	15	23	26	35	38	48	35	1405
216	Etching a Substrate: Processes	117	9	4	6	10	7	5	4	11	10	16	9	4	6	6	6	3	5	3	9	14	6	270
217	Wooden Receptacles	30	2	1	0	2	1	2	1	0	0	0	2	0	0	1	0	3	2	1	0	0	1	49
218	High-Voltage Switches with Arc Preventing or Extinguishing Devices	31	0	2	0	0	0	2	3	0	0	2	0	1	0	0	0	0	0	1	4	2	2	50
219	Electric Heating	1651	99	93	82	110	126	180	125	127	113	128	102	114	86	49	46	55	50	67	84	69	65	3621
220	Receptacles	2010	154	156	145	182	219	184	186	154	119	106	68	83	67	63	84	100	121	149	197	221	216	4984
221	Article Dispensing	652	44	44	34	47	46	47	48	57	58	42	32	47	25	25	17	26	29	15	29	24	34	1422
222	Dispensing	2462	175	169	142	168	246	174	179	170	111	135	128	126	80	61	53	99	77	104	122	115	82	5178
223	Apparel Apparatus	406	21	34	45	39	47	61	54	26	20	34	21	22	35	25	8	21	17	25	21	25	35	1042
224	Package and Article Carriers	1822	184	178	181	202	195	165	177	149	133	132	76	55	53	35	26	71	72	75	105	140	209	4435
225	Severing by Tearing or Breaking	198	10	12	6	12	12	10	8	4	14	7	11	7	6	3	4	8	1	5	6	11	11	366
226	Advancing Material of Indeterminate Length	180	3	4	3	5	6	2	4	4	2	2	1	2	1	4	0	1	0	0	1	0	3	228
227	Elongated-Member-Driving Apparatus	354	17	17	24	22	22	26	23	32	27	27	29	19	19	11	11	12	14	6	8	15	6	741
228	Metal Fusion Bonding	400	29	22	23	13	23	23	26	24	19	21	20	11	5	7	9	11	11	9	10	14	5	735
229	Envelopes, Wrappers, and Paperboard Boxes	614	44	35	37	62	63	56	53	45	32	12	19	24	21	9	10	20	22	9	13	25	27	1252
231	Whips and Whip Apparatus	10	0	0	1	0	0	3	0	0	0	0	0	0	0	3	1	2	1	0	0	0	0	21
232	Deposit and Collection Receptacles	301	34	16	19	15	19	15	17	11	17	15	17	27	35	27	15	10	11	10	8	11	10	660
234	Selective Cutting (e.g., Punching)	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	4
235	Registers	554	50	38	40	41	60	68	43	74	103	96	59	107	100	86	80	92	95	95	118	115	112	2226
236	Automatic Temperature and Humidity Regulation	383	15	8	10	15	13	22	14	13	14	10	7	10	15	8	6	10	14	14	11	11	10	633
237	Heating Systems	259	5	9	6	11	11	10	16	9	14	5	2	4	2	2	2	0	3	0	5	1	4	380
238	Railways: Surface Track	156	8	12	6	15	6	8	9	12	7	7	4	5	4	4	2	7	7	6	9	5	8	307
239	Fluid Sprinkling, Spraying, and Diffusing	1816	96	64	104	151	156	182	130	120	141	128	101	113	66	67	56	92	77	57	85	89	121	4012
241	Solid Material Comminution or Disintegration	982	59	70	59	61	81	62	43	57	58	50	41	53	56	42	62	57	66	52	51	70	43	2175
242	Winding, Tensioning, or Guiding	1334	49	66	72	94	106	86	90	107	90	52	57	54	55	73	46	46	40	28	37	41	35	2658
244	Aeronautics and Astronautics	1092	53	58	39	86	86	99	91	99	93	91	71	78	51	39	54	58	80	87	94	53	89	2641
245	Wire Fabrics and Structure	3	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	0	0	0	2	0	0	9
246	Railway Switches and Signals	55	11	4	6	11	2	10	12	8	10	5	2	3	5	6	5	7	4	6	3	6	7	188
248	Supports	3547	244	250	242	369	325	364	326	344	310	233	171	189	183	149	194	271	200	231	210	220	294	8866
249	Static Molds	512	14	16	22	24	14	16	18	17	9	16	8	16	16	6	9	9	10	10	12	8	13	795

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
250	Radiant Energy	1272	87	74	73	90	82	69	69	71	96	93	69	111	86	88	91	105	85	99	113	106	83	3112
251	Valves and Valve Actuation	767	39	32	33	39	43	49	35	44	41	39	48	55	25	25	14	23	20	38	31	35	34	1509
252	Compositions	361	19	30	23	31	33	37	39	20	21	30	15	13	18	12	12	20	25	24	23	24	16	846
254	Implements or Apparatus for Applying Pushing or Pulling Force	962	35	34	57	49	81	74	66	65	76	63	68	75	55	57	39	53	41	64	71	64	46	2195
256	Fences	416	25	26	37	34	30	33	32	21	42	34	35	27	18	29	29	17	14	16	19	22	26	982
257	Active Solid-State Devices (e.g., Transistors, Solid-State Diodes)	243	36	29	46	44	41	42	55	68	82	64	62	79	64	71	65	110	75	62	91	147	130	1706
258	Railway Mail Delivery	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3
260	Chemistry of Carbon Compounds	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
261	Gas and Liquid Contact Apparatus	588	23	26	24	23	27	25	44	31	27	24	16	19	25	17	26	13	27	36	23	40	31	1135
264	Plastic and Nonmetallic Article Shaping or Treating: Processes	1502	99	90	93	124	105	106	90	104	87	89	46	63	45	26	43	82	72	57	61	69	47	3100
266	Metallurgical Apparatus	337	20	13	13	13	5	14	10	11	10	14	3	7	5	3	12	9	7	11	15	8	11	551
267	Spring Devices	244	13	17	12	16	17	14	16	20	13	11	3	12	7	10	9	6	6	7	9	15	11	488
269	Work Holders	854	29	49	26	48	58	63	44	43	46	40	20	30	23	14	9	14	32	37	46	48	41	1614
270	Sheet-Material Associating	98	3	3	2	4	2	4	2	1	2	2	4	2	1	2	0	5	5	0	2	1	0	145
271	Sheet Feeding or Delivering	280	13	15	7	9	6	8	6	11	7	4	6	4	5	3	7	12	5	2	4	3	2	419
273	Amusement Devices: Games	3167	249	215	223	255	224	198	211	223	195	136	110	131	133	124	126	131	96	94	131	103	60	6535
277	Seal for a Joint or Juncture	416	17	21	24	21	25	18	33	38	21	20	12	12	8	5	2	6	8	13	6	15	10	751
278	Land Vehicles: Animal Draft Appliances	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
279	Chucks or Sockets	268	15	13	10	14	19	13	20	12	15	3	16	7	2	1	4	4	8	9	5	10	6	474
280	Land Vehicles	4728	345	342	251	409	402	468	456	426	386	364	335	333	335	303	280	339	310	365	384	371	385	12317
281	Books, Strips, and Leaves	308	26	24	30	34	44	25	22	17	7	12	9	11	6	3	5	7	7	6	4	8	3	618
283	Printed Matter	381	45	34	30	47	64	48	36	24	21	13	12	10	7	6	2	5	4	5	11	10	2	817
285	Pipe Joints or Couplings	1020	65	59	41	70	75	49	52	51	49	43	33	38	31	51	30	43	33	30	33	28	36	1960
289	Knots and Knot Tying	70	1	3	7	2	6	4	9	5	4	5	2	3	2	3	6	2	4	6	6	1	3	154
290	Prime-Mover Dynamo Plants	448	23	8	7	22	13	23	29	26	15	60	47	64	58	79	71	80	106	120	152	138	103	1692
291	Track Sanders	10	0	3	0	0	0	1	0	1	0	1	4	0	0	0	1	1	1	0	2	0	0	25
292	Closure Fasteners	1009	45	63	73	43	54	54	28	66	47	30	36	31	50	33	25	26	27	26	36	37	35	1874
293	Vehicle Fenders	158	3	5	12	8	7	9	14	9	12	9	9	11	8	8	7	5	8	6	8	4	4	324
294	Handling: Hand and Hoist-Line Implements	1485	106	117	109	148	130	123	81	119	76	45	46	67	76	58	50	71	74	82	102	101	102	3368
295	Railway Wheels and Axles	7	0	1	1	0	2	0	1	1	2	1	0	0	0	1	0	0	0	1	1	1	0	20
296	Land Vehicles: Bodies and Tops	1588	95	116	114	141	152	166	177	126	139	147	121	133	135	111	101	107	85	99	104	105	94	4156
297	Chairs and Seats	1705	120	171	161	183	220	263	159	176	181	179	139	180	134	164	121	153	123	134	144	168	191	5169

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total	
298	Land Vehicles: Dumping	144	9	5	5	8	7	10	11	7	12	18	9	9	3	5	3	8	11	9	7	7	3	310	
299	Mining or In Situ Disintegration of Hard Material	342	11	8	11	10	12	10	15	8	12	7	4	9	6	23	15	14	8	9	14	21	7	576	
300	Brush, Broom, and Mop Making	34	5	1	4	2	2	1	3	1	4	2	0	2	3	3	0	1	2	3	3	1	0	77	
301	Land Vehicles: Wheels and Axles	310	17	26	13	27	29	40	45	43	40	34	27	27	24	20	14	19	27	11	13	16	19	841	
303	Fluid-Pressure and Analogous Brake Systems	130	15	7	14	6	11	11	10	17	8	5	4	4	0	6	2	8	6	2	4	2	1	273	
305	Wheel Substitutes for Land Vehicles	65	6	4	7	8	7	8	8	7	6	1	0	3	1	3	1	7	2	1	1	5	6	157	
307	Electrical Transmission or Interconnection Systems	492	22	46	47	51	57	38	21	22	28	32	8	24	24	21	25	49	39	51	37	44	39	1217	
310	Electrical Generator or Motor Structure	754	34	42	51	73	79	66	72	70	61	88	59	55	39	44	59	72	64	72	63	48	50	2015	
312	Supports: Cabinet Structure	967	68	66	57	87	80	82	51	70	60	56	35	29	25	19	16	25	31	35	32	44	54	1989	
313	Electric Lamp and Discharge Devices	220	11	21	18	23	32	23	19	23	28	20	14	25	15	16	10	21	19	29	23	13	16	639	
314	Electric Lamp and Discharge Devices: Consumable Electrodes	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
315	Electric Lamp and Discharge Devices: Systems	718	64	45	29	59	47	65	64	58	71	43	54	47	36	23	24	38	46	69	81	96	107	1884	
318	Electricity: Motive Power Systems	653	47	38	34	46	35	44	33	33	21	22	18	23	27	20	33	29	30	41	34	23	26	1310	
320	Electricity: Battery or Capacitor Charging or Discharging	225	10	24	32	32	34	40	41	38	33	31	19	14	17	9	25	34	40	52	40	43	76	909	
322	Electricity: Single Generator Systems	102	1	4	5	5	2	3	6	1	3	2	3	3	3	2	3	4	4	3	0	3	2	164	
323	Electricity: Power Supply or Regulation Systems	172	7	11	12	13	9	11	16	19	5	8	11	11	10	7	9	7	6	12	16	7	14	393	
324	Electricity: Measuring and Testing	1262	98	108	52	98	82	91	97	118	97	95	76	97	78	74	66	62	65	76	65	69	70	2996	
326	Electronic Digital Logic Circuitry	57	7	7	6	12	7	4	8	11	8	9	9	8	18	13	19	32	12	16	11	9	7	290	
327	Miscellaneous Active Electrical Nonlinear Devices, Circuits, and Systems	235	10	16	11	20	23	23	24	23	17	20	14	21	9	19	13	18	12	9	22	27	13	599	
329	Demodulators	24	1	2	1	0	0	1	0	1	0	1	0	0	0	0	2	0	0	0	0	0	0	0	33
330	Amplifiers	208	8	12	12	10	15	17	19	13	17	16	6	17	13	21	16	17	10	15	13	10	6	491	
331	Oscillators	89	2	6	5	8	8	5	6	2	5	5	5	3	7	4	15	9	12	7	5	10	5	223	
332	Modulators	23	5	3	0	2	1	1	2	0	1	0	0	1	2	0	0	3	3	1	2	2	1	53	
333	Wave Transmission Lines and Networks	190	10	10	4	8	10	12	13	13	21	12	20	16	7	15	10	8	5	8	12	15	12	431	
334	Tuners	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
335	Electricity: Magnetically Operated Switches, Magnets, and Electromagnets	230	10	16	14	9	18	14	17	16	16	13	22	17	12	13	10	15	14	22	12	17	16	543	
336	Inductor Devices	79	5	6	8	6	10	9	4	6	15	19	14	18	11	2	9	8	6	12	11	9	6	273	
337	Electricity: Electrothermally or Thermally Actuated Switches	168	7	4	14	17	23	17	15	13	20	8	7	12	9	6	7	14	6	10	2	1	3	383	
338	Electrical Resistors	136	0	6	3	4	6	8	2	4	4	2	0	2	0	2	0	5	5	2	3	1	0	195	

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
340	Communications: Electrical	2822	222	273	314	372	378	431	381	318	223	308	309	394	311	349	271	320	271	290	331	351	321	9560
341	Coded Data Generation or Conversion	242	24	23	32	33	25	28	34	43	34	24	21	24	27	27	30	36	15	17	16	17	24	796
342	Communications: Directive Radio Wave Systems and Devices (e.g., Radar, Radio Navigation)	355	27	36	24	40	34	34	39	37	27	26	26	23	24	27	23	24	35	19	23	16	18	937
343	Communications: Radio Wave Antennas	422	27	31	24	29	37	43	52	50	24	26	47	43	46	41	35	37	25	20	30	27	19	1135
345	Computer Graphics Processing and Selective Visual Display Systems	336	47	47	76	86	108	112	122	112	107	82	85	104	99	74	66	117	78	106	145	171	187	2467
346	Recorders	84	2	2	0	1	3	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	94
347	Incremental Printing of Symbolic Information	100	6	4	9	17	10	19	16	22	19	19	23	30	25	33	9	16	12	16	16	13	21	455
348	Television	672	59	57	54	68	63	70	54	49	44	55	34	68	47	58	54	86	72	106	108	145	200	2223
349	Liquid Crystal Cells, Elements and Systems	81	17	19	11	9	7	7	12	9	12	11	12	8	1	5	10	12	16	13	13	18	21	324
351	Optics: Eye Examining, Vision Testing and Correcting	828	81	70	70	83	114	104	88	86	93	94	87	77	100	101	88	111	79	71	60	90	71	2646
352	Optics: Motion Pictures	186	3	6	10	7	14	5	8	4	6	8	3	5	4	4	3	3	0	3	5	5	4	296
353	Optics: Image Projectors	228	16	13	12	13	16	11	11	9	9	22	14	22	7	20	12	9	15	17	11	17	9	513
355	Photocopying	434	13	3	11	8	11	6	11	7	7	6	4	8	5	2	3	1	3	1	0	7	6	557
356	Optics: Measuring and Testing	838	67	61	60	70	76	75	32	60	58	73	55	62	70	62	64	70	60	58	78	53	48	2150
358	Facsimile and Static Presentation Processing	170	19	28	14	15	27	16	13	19	14	17	9	45	29	25	52	59	34	29	23	26	22	705
359	Optical: Systems and Elements	1616	89	96	79	136	138	129	154	159	122	113	120	128	99	106	72	96	79	73	81	77	83	3845
360	Dynamic Magnetic Information Storage or Retrieval	444	23	23	15	27	18	20	18	20	16	15	7	11	9	3	9	16	5	12	4	1	5	721
361	Electricity: Electrical Systems and Devices	897	72	91	87	117	84	98	115	119	108	114	88	78	110	92	94	131	95	94	114	114	109	3021
362	Illumination	2264	207	219	221	271	259	351	343	327	367	303	277	366	317	225	239	291	253	287	323	297	326	8333
363	Electric Power Conversion Systems	286	14	23	22	25	22	28	32	32	19	13	11	15	14	9	18	20	12	15	17	11	27	685
365	Static Information Storage and Retrieval	156	17	26	27	33	24	30	28	19	25	17	22	28	23	25	60	50	38	21	37	83	49	838
366	Agitating	864	55	66	44	57	65	46	65	45	39	28	30	26	27	27	24	29	37	46	33	27	26	1706
367	Communications, Electrical: Acoustic Wave Systems and Devices	388	26	19	16	19	16	17	23	15	11	15	19	15	14	32	13	27	9	17	18	21	21	771
368	Horology: Time Measuring Systems or Devices	632	27	25	39	43	43	30	50	47	36	45	26	45	29	36	25	37	34	26	32	28	17	1352
369	Dynamic Information Storage or Retrieval	305	31	19	21	21	17	22	18	22	27	15	11	14	8	11	20	26	13	7	11	6	4	649
370	Multiplex Communications	195	34	28	28	34	28	35	35	25	22	39	32	71	63	78	129	196	105	95	90	101	81	1544
372	Coherent Light Generators	258	26	18	22	19	14	16	16	14	26	39	23	21	13	15	22	15	24	12	15	14	28	670
373	Industrial Electric Heating Furnaces	104	5	3	0	0	7	12	6	6	3	3	1	1	0	3	1	0	1	1	1	3	0	161

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total	
374	Thermal Measuring and Testing	319	8	10	18	29	11	22	14	15	13	14	13	14	13	12	12	15	9	22	11	9	11	614	
375	Pulse or Digital Communications	201	24	31	29	33	40	33	21	27	30	31	30	66	63	44	61	83	47	47	51	69	79	1140	
376	Induced Nuclear Reactions: Processes, Systems, and Elements	224	12	9	4	12	8	2	4	4	5	6	4	1	1	1	2	1	4	5	3	9	4	325	
377	Electrical Pulse Counters, Pulse Dividers, or Shift Registers: Circuits and Systems	164	5	6	1	1	4	6	3	6	2	3	2	4	1	0	0	0	0	1	0	2	0	211	
378	X-Ray or Gamma Ray Systems or Devices	442	25	33	22	36	18	32	28	26	26	17	23	30	32	29	40	39	21	31	22	27	28	1027	
379	Telephonic Communications	891	75	76	80	102	72	63	72	57	72	72	59	68	52	40	52	52	53	47	90	73	52	2270	
380	Cryptography	155	12	15	22	22	8	18	15	11	4	8	8	15	11	8	12	33	18	23	30	19	17	484	
381	Electrical Audio Signal Processing Systems and Devices	752	40	57	63	115	63	60	43	68	68	68	52	71	56	42	47	71	110	175	117	104	140	2382	
382	Image Analysis	212	26	35	39	52	58	66	51	42	59	59	53	98	78	57	82	117	113	107	114	134	107	1759	
383	Flexible Bags	375	27	21	21	23	45	51	44	25	15	13	18	15	12	13	10	10	19	20	24	16	23	840	
384	Bearings	490	37	25	16	25	23	20	32	25	18	11	13	9	7	8	6	4	4	8	7	20	15	823	
385	Optical Waveguides	351	31	39	32	67	62	59	57	79	74	66	70	106	60	54	47	39	22	33	30	29	27	1434	
386	Motion Video Signal Processing for Recording or Reproducing	123	4	6	11	7	10	11	10	13	5	10	2	4	7	10	6	7	11	10	24	14	19	324	
388	Electricity: Motor Control Systems	55	3	4	1	0	4	1	1	0	0	1	0	3	1	1	0	1	0	0	0	0	0	0	76
392	Electric Resistance Heating Devices	334	21	13	16	27	32	31	31	23	18	12	23	23	22	13	16	15	16	26	13	21	18	764	
396	Photography	711	15	34	27	61	42	24	21	29	39	34	16	15	22	21	33	34	46	46	39	60	34	1403	
398	Optical Communications	109	7	9	7	9	9	6	7	10	15	9	12	16	14	12	21	26	16	21	14	12	18	379	
399	Electrophotography	92	13	6	12	9	9	7	20	8	10	4	8	17	5	4	8	6	4	3	1	5	2	253	
400	Typewriting Machines	351	31	22	15	20	19	20	11	14	20	25	16	16	9	4	3	5	6	2	7	2	6	624	
401	Coating Implements with Material Supply	665	46	33	23	36	110	98	124	90	77	89	71	71	59	57	37	41	37	72	64	61	64	2025	
402	Binder Device Releasably Engaging Aperture or Notch of Sheet	215	11	18	17	23	13	22	10	15	14	9	8	6	5	7	1	8	0	3	6	2	4	417	
403	Joints and Connections	1010	49	52	57	61	64	44	76	63	58	44	30	29	22	28	14	20	21	30	25	38	47	1882	
404	Road Structure, Process, or Apparatus	852	61	51	51	46	57	63	49	66	56	71	40	84	54	46	57	64	42	42	53	44	46	1995	
405	Hydraulic and Earth Engineering	1848	90	142	99	135	151	101	107	147	128	118	101	135	83	98	82	96	82	74	106	100	106	4129	
406	Conveyors: Fluid Current	208	5	8	6	7	7	8	14	12	11	6	3	10	1	0	3	5	1	7	9	8	4	343	
407	Cutters, for Shaping	129	2	2	8	8	9	9	12	3	8	1	6	6	10	9	4	2	1	1	1	1	3	235	
408	Cutting by Use of Rotating Axially Moving Tool	695	44	25	35	56	47	22	40	27	31	19	17	32	21	19	19	15	11	14	16	27	22	1254	
409	Gear Cutting, Milling, or Planing	355	17	19	27	29	25	31	18	21	20	16	18	16	19	12	12	9	7	3	6	9	9	698	
410	Freight Accommodation On Freight Carrier	291	30	23	16	28	35	47	47	37	47	48	34	41	34	30	28	28	31	35	31	32	23	996	

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
411	Expanded, Threaded, Driven, Headed, Tool-Deformed, or Locked-Threaded Fastener	678	49	52	52	63	59	55	46	42	34	35	27	28	13	15	15	29	34	30	52	43	51	1502
412	Bookbinding: Process and Apparatus	50	4	4	6	7	4	7	10	9	1	1	3	1	0	2	1	3	2	1	0	4	0	120
413	Sheet Metal Container Making	20	0	2	1	2	0	1	1	0	0	2	0	2	4	1	0	0	1	0	0	0	1	38
414	Material or Article Handling	2373	142	142	112	131	144	167	86	113	92	101	62	56	58	49	52	57	67	66	53	80	99	4302
415	Rotary Kinetic Fluid Motors or Pumps	442	22	29	13	13	13	23	30	37	39	31	36	31	36	16	15	33	34	53	38	45	42	1071
416	Fluid Reaction Surfaces (i.e., Impellers)	494	36	31	24	17	29	43	36	42	29	35	30	34	29	29	14	26	35	42	46	45	44	1190
417	Pumps	1283	69	69	68	71	74	113	102	103	100	62	26	37	27	21	23	21	53	71	51	41	52	2537
418	Rotary Expansible Chamber Devices	413	22	20	17	17	12	31	27	24	22	14	10	11	6	9	12	15	7	13	13	14	19	748
419	Powder Metallurgy Processes	74	4	7	7	4	5	4	2	4	4	5	2	2	2	2	4	2	5	4	2	2	3	150
420	Alloys or Metallic Compositions	144	6	1	3	2	4	0	1	7	6	3	3	1	1	1	1	2	2	6	0	0	0	194
422	Chemical Apparatus and Process Disinfecting, Deodorizing, Preserving, or Sterilizing	947	106	75	72	89	94	89	91	92	84	62	56	47	51	61	36	85	87	108	96	96	69	2593
423	Chemistry of Inorganic Compounds	644	28	24	17	27	28	24	41	34	36	24	15	22	24	18	13	37	29	41	36	36	23	1221
424	Drug, Bio-Affecting and Body Treating Compositions	1691	147	190	253	307	339	296	369	354	322	207	136	188	156	144	135	208	215	258	299	346	349	6909
425	Plastic Article or Earthenware Shaping or Treating: Apparatus	1521	69	67	57	76	63	65	49	56	47	48	30	47	62	41	37	36	37	40	38	43	40	2569
426	Food or Edible Material: Processes, Compositions, and Products	1460	98	111	107	105	154	159	166	121	98	94	47	52	46	21	24	36	41	74	47	69	107	3237
427	Coating Processes	883	74	58	64	80	73	75	77	58	65	51	24	22	24	29	26	43	40	37	40	38	59	1940
428	Stock Material or Miscellaneous Articles	2473	209	207	214	260	270	244	223	166	214	172	109	93	93	53	59	91	125	128	116	116	115	5750
429	Chemistry: Electrical Current Producing Apparatus, Product, and Process	363	35	71	30	29	32	27	28	24	40	16	24	21	15	12	24	31	28	31	40	37	36	994
430	Radiation Imagery Chemistry: Process, Composition, or Product Thereof	353	23	28	13	23	22	27	25	34	27	25	19	22	14	13	10	23	11	11	10	15	10	758
431	Combustion	610	38	42	25	51	59	61	69	38	62	52	46	31	23	14	23	23	9	14	19	12	28	1349
432	Heating	355	3	2	10	11	15	12	9	11	17	5	4	6	4	3	1	5	1	5	5	5	4	493
433	Dentistry	2133	107	145	133	222	203	154	191	134	113	82	98	142	93	68	30	71	67	101	121	79	85	4572
434	Education and Demonstration	1505	86	107	97	147	136	143	89	101	123	94	88	71	69	46	49	51	69	95	142	131	67	3506
435	Chemistry: Molecular Biology and Microbiology	1013	114	126	182	225	252	205	246	175	179	139	121	154	122	100	142	167	154	148	142	150	153	4409
436	Chemistry: Analytical and Immunological Testing	420	29	42	39	53	38	41	43	30	38	30	9	18	35	30	32	36	30	38	29	30	21	1111
438	Semiconductor Device Manufacturing: Process	200	33	24	20	36	52	56	68	66	83	72	44	49	40	61	52	84	59	55	57	65	40	1316
439	Electrical Connectors	1573	120	133	130	175	150	210	194	158	139	177	159	205	167	143	117	131	130	111	95	90	119	4626
440	Marine Propulsion	639	45	48	51	55	50	56	44	40	50	46	45	60	34	40	29	31	30	29	39	32	42	1535

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
441	Buoys, Rafts, and Aquatic Devices	634	59	51	56	66	50	54	54	59	55	45	55	64	52	40	36	34	29	33	43	59	64	1692
442	Fabric (Woven, Knitted, or Nonwoven Textile or Cloth, Etc.)	179	16	10	9	22	29	20	15	10	8	9	5	5	10	9	8	9	9	8	8	4	4	406
445	Electric Lamp or Space Discharge Component or Device Manufacturing	24	2	1	5	2	9	5	4	3	4	3	3	3	2	1	2	3	4	3	3	2	0	88
446	Amusement Devices: Toys	1695	103	109	79	140	135	181	157	176	172	141	99	68	65	53	39	70	72	45	60	69	80	3808
449	Bee Culture	99	2	1	5	2	1	2	1	3	5	3	1	4	0	3	3	3	4	1	4	4	1	152
450	Foundation Garments	137	11	6	14	20	34	49	37	32	14	18	15	22	20	23	15	20	21	36	32	39	20	635
451	Abrading	1231	73	81	88	80	92	101	121	93	81	96	84	100	53	42	45	36	42	51	64	57	55	2766
452	Butchering	591	31	33	21	17	22	32	31	11	19	15	16	28	23	30	24	17	17	14	17	23	22	1054
453	Coin Handling	71	5	2	4	0	1	4	1	3	2	8	0	2	0	0	2	2	2	2	2	0	1	114
454	Ventilation	626	24	36	34	44	45	41	59	58	47	46	35	31	19	12	15	14	14	18	27	8	23	1276
455	Telecommunications	397	33	54	34	55	60	72	61	68	82	95	82	147	145	98	152	195	166	245	274	267	292	3074
460	Crop Threshing or Separating	95	8	12	1	9	5	8	5	5	2	4	4	4	2	1	2	4	2	3	4	4	6	190
462	Books, Strips, and Leaves for Manifoldng	62	5	3	1	1	0	2	4	0	0	0	0	0	1	1	0	0	0	0	0	1	0	81
463	Amusement Devices: Games	347	25	36	28	65	52	63	63	52	58	43	47	40	44	47	24	54	78	151	168	163	120	1768
464	Rotary Shafts, Gudgeons, Housings, and Flexible Couplings for Rotary Shafts	177	11	10	7	10	4	9	23	10	14	9	7	11	3	3	3	2	6	6	7	6	6	344
470	Threaded, Headed Fastener, or Washer Making: Process and Apparatus	68	4	2	2	4	4	2	0	3	3	1	1	2	1	1	1	1	4	0	0	0	0	104
472	Amusement Devices	316	22	24	26	47	31	25	21	23	28	19	22	18	12	12	10	27	35	21	26	42	31	838
473	Games Using Tangible Projectile	3742	423	395	363	471	382	324	316	308	310	290	255	299	263	198	196	267	266	266	247	264	268	10113
474	Endless Belt Power Transmission Systems or Components	377	34	23	25	17	14	28	13	19	10	6	7	11	5	8	6	13	9	11	15	8	17	676
475	Planetary Gear Transmission Systems or Components	383	22	25	19	24	35	35	21	22	25	16	25	15	19	22	16	19	14	25	39	42	27	890
476	Friction Gear Transmission Systems or Components	41	4	7	1	2	2	5	2	2	1	2	3	2	1	2	1	3	1	3	1	1	1	88
477	Interrelated Power Delivery Controls, Including Engine Control	95	6	8	6	5	5	4	1	4	6	3	4	7	2	7	4	8	6	4	1	6	2	194
482	Exercise Devices	2666	221	275	281	324	308	304	274	252	262	263	185	310	230	221	246	340	352	183	178	253	276	8204
483	Tool Changing	31	1	1	3	1	6	6	1	4	2	1	0	4	2	3	4	2	0	1	0	1	0	74
492	Roll or Roller	57	8	3	6	5	5	3	1	1	2	3	0	2	0	0	1	2	5	2	0	1	1	108
493	Manufacturing Container or Tube From Paper; or Other Manufacturing From a Sheet or Web	384	17	16	11	30	21	24	11	16	25	15	13	12	7	15	11	7	5	10	12	8	11	681
494	Imperforate Bowl: Centrifugal Separators	102	3	4	5	8	7	6	7	8	2	3	3	2	3	0	4	1	6	5	2	4	1	186
501	Compositions: Ceramic	136	11	12	7	10	11	5	12	12	14	5	6	4	5	6	5	2	3	7	4	2	3	282

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
502	Catalyst, Solid Sorbent, or Support Therefor: Product or Process of Making	203	10	8	8	12	16	18	11	14	4	4	2	5	8	8	7	13	9	13	7	10	3	393
503	Record Receiver Having Plural Interactive Leaves or a Colorless Color Former, Method of Use, or Developer Therefor	33	0	4	2	4	4	0	2	1	0	3	1	2	3	3	2	5	2	1	3	2	0	77
504	Plant Protecting and Regulating Compositions	105	5	8	11	10	28	14	16	11	9	5	5	4	4	1	5	2	5	6	4	5	8	271
505	Superconductor Technology: Apparatus, Material, Process	36	9	7	8	3	8	6	5	2	3	4	5	1	1	0	3	0	5	2	4	1	3	116
506	Combinatorial Chemistry Technology: Method, Library, Apparatus	0	0	6	2	3	8	9	3	6	11	4	3	1	0	0	4	4	4	3	1	9	20	101
507	Earth Boring, Well Treating, and Oil Field Chemistry	52	1	1	3	7	5	3	1	5	6	11	8	2	1	1	9	7	4	3	2	4	4	140
508	Solid Anti-Friction Devices, Materials Therefor, Lubricant or Separant Compositions for Moving Solid Surfaces, and Miscellaneous Mineral Oil Compositions	90	9	8	8	11	13	10	10	7	8	4	2	6	5	2	4	9	5	9	7	6	7	240
510	Cleaning Compositions for Solid Surfaces, Auxiliary Compositions Therefor, or Processes of Preparing the Compositions	189	19	22	23	34	41	23	29	30	30	26	12	21	10	13	16	8	23	18	15	19	11	632
512	Perfume Compositions	13	0	0	1	1	1	3	1	1	1	1	0	0	0	1	0	2	0	0	2	2	1	31
514	Drug, Bio-Affecting and Body Treating Compositions	1773	143	181	205	234	266	238	268	240	200	144	125	116	109	80	100	168	159	172	228	231	223	5603
516	Colloid Systems and Wetting Agents; Subcombinations Thereof; Processes Of	35	2	3	4	2	5	4	5	3	7	2	2	2	1	3	4	4	1	1	4	0	0	94
518	Chemistry: Fischer-Tropsch Processes; or Purification or Recovery of Products Thereof	9	2	1	0	1	0	1	4	1	0	2	1	2	3	1	0	0	3	4	7	1	4	47
521	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	262	16	8	13	17	18	9	15	11	16	5	8	1	3	2	3	1	14	6	4	7	7	446
522	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	24	6	5	1	2	5	4	2	1	6	3	3	3	1	0	0	2	1	0	1	3	1	74
523	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	221	16	13	11	20	15	13	14	12	12	6	4	6	6	3	4	13	9	12	18	13	9	450
524	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	378	26	32	24	40	29	25	22	27	30	18	17	23	13	12	15	20	13	16	22	20	25	847
525	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	258	13	10	12	15	11	10	14	13	11	9	5	7	13	5	3	6	7	9	6	11	4	452
526	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	120	1	7	4	9	9	8	14	8	23	8	6	6	2	3	4	4	6	1	7	5	4	259
527	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	28	3	0	1	1	0	2	0	0	1	1	0	1	0	0	0	0	0	1	1	0	1	41
528	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	223	11	6	11	15	12	9	14	15	7	7	12	9	13	9	6	6	11	8	9	5	6	424

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
530	Chemistry: Natural Resins or Derivatives; Peptides or Proteins; Lignins or Reaction Products Thereof	239	13	13	36	46	38	18	40	30	34	32	12	17	25	29	21	32	27	27	22	18	18	787
534	Organic Compounds -- Part of the Class 532-570 Series	31	1	1	2	2	1	0	0	1	1	0	0	0	1	1	0	2	1	0	1	1	1	48
536	Organic Compounds -- Part of the Class 532-570 Series	132	15	24	18	34	31	19	31	20	25	17	14	22	21	13	17	20	24	22	22	25	13	579
540	Organic Compounds -- Part of the Class 532-570 Series	59	3	1	8	2	5	0	3	3	2	3	0	3	2	1	1	1	2	2	3	0	3	107
544	Organic Compounds -- Part of the Class 532-570 Series	83	4	3	2	2	4	3	1	3	3	5	5	5	1	0	0	5	9	4	7	4	9	162
546	Organic Compounds -- Part of the Class 532-570 Series	71	3	8	8	6	6	6	5	3	10	4	6	11	3	11	8	11	10	6	9	11	9	225
548	Organic Compounds -- Part of the Class 532-570 Series	82	5	6	2	4	7	2	2	3	3	2	3	4	4	2	3	6	10	4	4	11	5	174
549	Organic Compounds -- Part of the Class 532-570 Series	85	1	1	7	6	7	5	10	9	4	2	5	6	7	2	2	1	1	4	5	7	9	186
552	Organic Compounds -- Part of the Class 532-570 Series	30	1	0	0	1	2	0	1	1	1	2	0	0	1	0	0	0	1	3	1	1	0	46
554	Organic Compounds -- Part of the Class 532-570 Series	57	4	3	3	4	3	4	6	9	8	4	3	4	5	2	3	0	6	5	6	9	6	154
556	Organic Compounds -- Part of the Class 532-570 Series	63	6	6	6	3	8	3	4	2	9	2	3	1	5	5	1	2	4	3	2	2	4	144
558	Organic Compounds -- Part of the Class 532-570 Series	54	2	5	1	4	4	3	1	2	0	1	0	4	2	0	1	1	3	1	3	1	3	96
560	Organic Compounds -- Part of the Class 532-570 Series	82	6	5	6	4	4	1	7	7	4	3	0	1	3	3	2	3	1	4	4	2	2	154
562	Organic Compounds -- Part of the Class 532-570 Series	79	3	4	8	5	4	5	6	6	8	2	2	4	5	2	0	5	2	4	4	3	8	169
564	Organic Compounds -- Part of the Class 532-570 Series	63	10	3	4	3	2	5	10	7	3	2	2	6	4	1	0	3	3	6	3	3	3	146
568	Organic Compounds -- Part of the Class 532-570 Series	110	4	6	3	10	13	6	6	4	7	6	2	3	4	3	2	11	6	1	5	7	10	229
570	Organic Compounds -- Part of the Class 532-570 Series	23	0	1	4	2	3	1	5	0	0	0	0	0	2	0	0	1	2	0	0	0	0	44
585	Chemistry of Hydrocarbon Compounds	100	6	10	8	17	12	8	11	4	8	4	6	5	1	6	4	4	12	8	9	9	8	260
588	Hazardous or Toxic Waste Destruction or Containment	137	17	16	22	18	16	11	5	6	3	2	3	2	2	4	4	3	7	6	7	8	9	308
600	Surgery	2695	269	216	201	374	301	327	267	328	264	178	147	179	127	132	123	171	178	236	288	282	272	7555
601	Surgery: Kinesitherapy	713	60	51	40	73	43	49	69	50	49	45	41	68	66	47	23	33	40	61	59	40	46	1766
602	Surgery: Splint, Brace, or Bandage	956	76	58	71	121	102	109	80	70	95	63	63	69	32	36	45	76	76	62	67	91	53	2471
604	Surgery	3568	335	297	286	360	271	260	242	245	302	196	139	135	101	106	97	192	173	239	235	227	216	8222
606	Surgery	2453	275	310	393	438	433	394	328	277	320	188	149	146	145	82	103	166	190	295	334	300	295	8014
607		683	58	60	43	74	74	84	84	75	75	59	48	45	57	33	28	42	57	76	109	95	95	2054

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
	Surgery: Light, Thermal, and Electrical Application																							
623	Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor	1140	78	125	96	116	118	136	157	148	147	136	98	105	71	55	63	91	98	118	134	172	143	3545
700	Data Processing: Generic Control Systems or Specific Applications	342	29	51	35	52	45	45	55	60	85	74	65	77	58	65	50	64	93	96	119	101	101	1762
701	Data Processing: Vehicles, Navigation, and Relative Location	160	28	20	20	30	31	37	67	67	54	48	64	49	46	46	44	65	82	101	129	148	151	1487
702	Data Processing: Measuring, Calibrating, or Testing	284	15	37	37	42	45	39	43	67	83	89	66	77	76	77	56	73	62	81	90	65	59	1563
703	Data Processing: Structural Design, Modeling, Simulation, and Emulation	33	4	6	15	15	14	9	12	19	11	9	20	38	25	27	22	30	26	31	40	44	19	469
704	Data Processing: Speech Signal Processing, Linguistics, Language Translation, and Audio Compression/Decompression	124	12	12	15	35	35	18	37	29	19	23	12	31	26	30	24	43	32	54	53	53	50	767
705	Data Processing: Financial, Business Practice, Management, or Cost/Price Determination	212	14	31	47	82	144	118	70	75	81	62	114	192	151	198	254	434	407	481	557	395	176	4295
706	Data Processing: Artificial Intelligence	41	14	15	11	36	16	21	19	22	28	21	11	22	17	17	34	70	60	50	48	54	56	683
707	Data Processing: Database and File Management or Data Structures	44	16	14	21	49	56	42	43	55	74	77	51	65	74	69	57	163	136	174	191	212	189	1872
708	Electrical Computers: Arithmetic Processing and Calculating	234	10	18	14	17	17	13	9	14	10	12	10	13	9	9	14	12	15	10	24	7	7	498
709	Electrical Computers and Digital Processing Systems: Multicomputer Data Transferring	19	7	14	9	41	34	46	46	53	45	68	56	76	77	57	109	184	132	122	133	206	186	1720
710	Electrical Computers and Digital Data Processing Systems: Input/Output	72	8	12	15	21	18	23	17	12	23	16	15	21	17	11	27	25	24	17	16	14	19	443
711	Electrical Computers and Digital Processing Systems: Memory	73	10	13	15	16	11	12	11	10	15	14	14	27	18	28	32	36	34	39	31	32	29	520
712	Electrical Computers and Digital Processing Systems: Processing Architectures and Instruction Processing (e.g., Processors)	60	7	11	12	19	9	4	9	6	5	2	4	10	7	8	11	18	21	11	10	1	11	256
713	Electrical Computers and Digital Processing Systems: Support	74	10	14	18	23	14	21	24	18	16	16	23	45	35	33	46	86	47	60	61	84	73	841
714	Error Detection/Correction and Fault Detection/Recovery	113	15	14	16	20	13	11	20	11	23	24	19	20	38	26	60	58	27	22	13	17	22	602
715	Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing	92	14	14	25	35	38	24	40	23	29	30	32	64	49	35	38	87	48	63	92	103	100	1075
716	Computer-Aided Design and Analysis of Circuits and Semiconductor Masks	6	2	3	4	6	4	2	13	16	22	18	10	23	28	26	30	45	13	19	22	16	5	333
717		14	6	7	5	7	16	12	14	11	7	10	10	9	12	14	16	36	26	30	32	38	43	375

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
	Data Processing: Software Development, Installation, and Management																							
718	Electrical Computers and Digital Processing Systems: Virtual Machine Task or Process Management or Task Management/Control	6	5	1	2	6	3	5	2	0	0	1	3	2	2	5	7	3	10	7	8	8	14	100
719	Electrical Computers and Digital Processing Systems: Interprogram Communication or Interprocess Communication (Ipc)	2	2	1	1	4	0	2	2	4	6	3	2	6	0	5	6	14	6	7	4	4	3	84
720	Dynamic Optical Information Storage or Retrieval	11	3	3	1	5	4	5	2	6	7	7	8	6	1	7	7	4	6	4	0	1	0	98
725	Interactive Video Distribution Systems	85	7	18	9	16	24	12	19	12	11	11	6	12	8	7	16	32	37	45	47	75	63	572
726	Information Security	24	2	3	4	11	15	16	15	11	11	13	17	31	20	15	33	41	46	60	103	110	144	745
800	Multicellular Living Organisms and Unmodified Parts Thereof and Related Processes	19	5	2	8	27	24	13	14	18	14	16	15	16	15	20	12	18	12	14	19	18	11	330
850	Scanning-Probe Techniques or Apparatus; Applications of Scanning-Probe Techniques, e.g., Scanning Probe Microscopy [Spm]	13	1	6	3	3	2	1	1	0	4	3	1	0	0	0	0	2	2	3	3	7	4	59
D01	Edible Products	121	8	17	19	20	24	25	28	14	7	26	12	13	13	22	20	19	22	14	26	14	3	487
D02	Apparel and Haberdashery	1358	165	175	167	275	232	184	144	193	168	150	120	159	208	271	297	354	301	333	315	237	337	6143
D03	Travel Goods and Personal Belongings	1886	203	206	200	267	288	249	227	214	212	185	166	262	231	244	235	282	242	261	287	302	313	6962
D04	Brushware	413	62	62	43	62	46	76	72	88	52	31	26	52	30	60	27	49	31	37	39	26	33	1417
D05	Textile or Paper Yard Goods; Sheet Material	63	6	2	9	9	6	14	18	5	16	9	5	12	11	16	10	11	15	32	11	8	5	293
D06	Furnishings	5237	577	531	478	612	570	646	588	622	520	408	308	427	593	478	482	461	427	554	452	453	444	15868
D07	Equipment for Preparing or Serving Food or Drink Not Elsewhere Specified	2460	231	313	202	281	243	318	295	226	288	263	190	347	322	351	322	373	309	372	448	366	362	8882
D08	Tools and Hardware	3450	404	356	305	454	394	483	363	310	422	376	250	399	450	485	415	385	305	373	310	374	407	11470
D09	Packages and Containers for Goods	1316	131	141	142	135	131	165	169	137	168	114	104	141	168	190	197	201	156	175	195	209	211	4696
D10	Measuring, Testing, or Signalling Instruments	1962	238	171	160	240	235	202	179	177	143	157	131	152	184	213	158	135	119	110	91	113	118	5388
D11	Jewelry, Symbolic Insignia, and Ornaments	1816	171	153	161	185	176	202	213	210	166	164	153	198	215	251	200	204	191	221	198	229	217	5894
D12	Transportation	2504	234	299	244	338	254	333	247	221	253	285	237	277	317	331	314	291	214	243	276	235	282	8229
D13	Equipment for Production, Distribution, or Transformation of Energy	478	64	47	60	68	96	100	92	99	100	55	37	82	85	119	108	66	85	100	119	141	141	2342
D14	Recording, Communication, or Information Retrieval Equipment	1202	147	151	148	177	166	218	168	168	177	159	89	154	169	166	167	174	168	187	267	320	310	5052
D15	Machines Not Elsewhere Specified	973	116	78	65	87	55	67	59	57	77	79	58	103	131	89	94	107	75	100	135	130	98	2833
D16	Photography and Optical Equipment	483	42	75	58	75	70	94	48	58	86	47	45	46	87	71	79	67	73	67	69	82	81	1903

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
D17	Musical Instruments	389	25	19	19	33	35	22	35	20	32	21	18	38	22	47	26	36	34	29	44	32	36	1012
D18	Printing and Office Machinery	270	11	18	12	17	17	25	16	24	20	12	11	43	27	27	39	10	18	3	15	6	9	650
D19	Office Supplies; Artists' and Teachers' Materials	1146	138	94	112	144	119	133	124	91	106	110	87	83	97	144	91	65	104	73	68	109	77	3315
D20	Sales and Advertising Equipment	497	57	40	75	85	66	64	54	22	70	55	35	41	47	34	47	56	64	89	88	58	37	1681
D21	Games, Toys, and Sports Goods	4613	427	379	385	557	405	455	434	341	299	273	260	354	314	358	273	291	321	291	346	329	369	12074
D22	Arms, Pyrotechnics, Hunting and Fishing Equipment	998	103	114	81	86	111	92	86	100	93	72	71	108	115	88	109	122	134	133	164	162	155	3297
D23	Environmental Heating and Cooling; Fluid Handling and Sanitary Equipment	1954	205	154	155	212	211	257	196	197	204	192	193	251	230	278	179	233	198	156	220	198	206	6279
D24	Medical and Laboratory Equipment	1808	188	186	178	213	192	200	233	190	163	108	84	145	213	214	204	312	243	184	249	244	306	6057
D25	Building Units and Construction Elements	1061	84	93	109	115	128	137	115	139	126	124	107	80	130	122	116	159	89	117	107	113	126	3497
D26	Lighting	1037	136	175	146	209	162	253	311	261	249	199	135	228	283	288	233	203	222	170	197	177	179	5453
D27	Tobacco and Smokers' Supplies	244	18	19	17	44	49	34	35	34	36	35	35	57	57	40	22	31	19	21	40	9	63	959
D28	Cosmetic Products and Toilet Articles	874	75	74	91	89	84	160	134	93	102	98	61	77	63	71	80	90	109	103	68	101	86	2783
D29	Equipment for Safety, Protection, and Rescue	372	62	59	46	41	47	55	31	52	40	40	23	40	75	65	56	42	57	81	62	50	88	1484
D30	Animal Husbandry	819	77	83	92	69	74	119	61	59	64	61	68	86	78	106	86	120	106	129	118	120	93	2688
D32	Washing, Cleaning, or Drying Machine	616	89	70	85	86	67	64	49	57	68	40	31	50	88	85	64	70	67	76	93	49	75	2039
D34	Material or Article Handling Equipment	855	98	65	56	101	70	79	68	67	83	58	34	119	121	66	82	64	90	81	66	65	69	2457
D99	Miscellaneous	270	42	29	37	39	33	38	54	30	62	44	27	37	29	19	14	45	28	31	30	32	19	989
PLT	Plants	1504	78	83	91	124	97	91	125	261	232	155	105	198	163	268	270	231	187	213	168	211	238	5093
ALL	ALL CLASSES	308372	22220	22852	21948	28126	27819	28133	26857	25399	24577	21808	18076	21536	19448	18369	17727	22123	20466	22375	24084	24598	24525	791438

Patent Counts By Class By Year - Independent Inventors
Patents Granted: 1977 - 2015
A Patent Technology Monitoring Team Report

Part II, Patent Counts By Class By Year - Independent Inventors
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, Independent Inventor Patents, 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 - 12/31/2015

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
002	Apparel	3589	272	363	400	472	549	472	456	390	278	299	246	274	193	165	132	249	262	258	272	262	244	10097
004	Baths, Closets, Sinks, and Spitoons	3258	217	204	225	271	347	277	273	299	253	222	168	176	160	135	86	159	190	216	167	176	157	7636
005	Beds	3430	243	281	262	294	292	298	253	222	234	244	230	209	143	168	168	199	185	196	224	244	204	8223
007	Compound Tools	612	38	51	41	53	51	63	67	45	38	48	37	47	47	18	20	28	25	27	33	29	24	1442
008	Bleaching and Dyeing; Fluid Treatment and Chemical Modification of Textiles and Fibers	424	24	28	21	28	35	31	27	18	25	13	13	12	15	11	10	17	11	16	6	9	8	802
012	Boot and Shoe Making	181	6	4	6	9	18	8	10	4	9	8	8	7	6	6	3	5	10	8	6	6	6	334
014	Bridges	276	26	27	19	15	24	21	11	24	22	28	21	22	22	16	14	16	19	21	23	26	11	704
015	Brushing, Scrubbing, and General Cleaning	4249	290	317	267	362	404	414	328	290	283	217	167	158	178	175	158	203	195	213	247	225	225	9565
016	Miscellaneous Hardware (e.g., Bushing, Carpet Fastener, Caster, Door Closer, Panel Hanger, Attachable or Adjunct Handle, Hinge, Window Sash Balance, Etc.)	1664	113	159	136	181	151	141	142	180	148	131	104	100	86	61	77	106	91	86	114	93	109	4173
019	Textiles: Fiber Preparation	231	17	8	12	9	16	13	16	18	5	2	0	4	5	4	4	4	5	3	4	2	3	385
023	Chemistry: Physical Processes	75	3	1	1	4	1	4	2	3	2	1	0	1	2	0	2	2	2	3	4	2	0	115
024	Buckles, Buttons, Clasps, Etc.	3289	201	224	240	244	240	240	243	217	240	163	121	151	124	114	108	143	137	168	178	163	127	7075
026	Textiles: Cloth Finishing	102	5	7	7	4	6	5	4	4	0	1	0	2	3	1	2	4	0	5	0	1	1	164
027	Undertaking	133	11	5	16	16	13	9	15	11	18	7	3	9	18	17	13	17	22	19	18	15	18	423
028	Textiles: Manufacturing	226	14	13	13	11	15	15	8	7	5	13	6	6	6	3	4	4	2	2	5	1	6	385
029	Metal Working	4774	240	224	252	232	224	257	259	258	238	223	192	220	178	124	127	161	196	234	222	234	621	9690
030	Cutlery	3092	184	209	167	218	232	220	197	201	190	177	130	136	116	70	81	101	105	97	120	127	82	6252
033	Geometrical Instruments	3596	230	192	151	206	170	205	205	189	206	216	208	165	171	144	161	170	160	128	114	144	96	7227
034	Drying and Gas or Vapor Contact with Solids	1360	77	69	71	79	103	107	71	67	51	52	49	46	34	43	19	27	36	53	30	45	52	2541
036	Boots, Shoes, and Leggings	1484	100	96	113	174	149	128	117	105	107	107	83	83	77	73	65	112	77	85	93	81	84	3593
037	Excavating	1024	50	62	53	65	80	78	63	75	54	51	47	47	28	24	48	66	39	42	36	50	31	2113

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
038	Textiles: Ironing or Smoothing	275	12	19	15	14	23	20	19	12	9	19	11	8	21	9	11	14	3	10	19	12	10	565
040	Card, Picture, or Sign Exhibiting	3470	246	232	232	259	295	312	305	289	289	251	191	189	180	165	152	159	172	147	149	163	104	7951
042	Firearms	1380	108	90	100	108	99	69	103	126	140	114	84	77	86	82	79	112	126	159	135	201	201	3779
043	Fishing, Trapping, and Vermin Destroying	3691	188	251	164	167	307	251	187	218	240	202	156	153	119	123	133	162	115	127	128	152	149	7383
044	Fuel and Related Compositions	396	16	16	11	13	19	29	23	19	19	18	14	12	9	13	20	19	16	21	24	23	20	770
047	Plant Husbandry	1921	143	135	103	150	137	168	139	136	126	73	86	87	56	50	64	116	69	109	118	90	85	4161
048	Gas: Heating and Illuminating	379	14	6	5	8	11	12	8	3	8	10	9	10	9	4	12	13	17	19	16	15	9	597
049	Movable or Removable Closures	1674	108	127	104	104	120	127	111	99	85	94	69	87	56	37	50	65	33	81	100	82	68	3481
051	Abrasive Tool Making Process, Material, or Composition	216	14	10	22	7	7	11	6	9	7	8	5	3	6	6	5	5	8	11	11	8	10	395
052	Static Structures (e.g., Buildings)	8135	479	579	587	701	643	630	686	607	564	505	419	376	285	270	337	506	459	524	610	661	551	19114
053	Package Making	1514	91	93	83	98	94	81	77	66	67	77	70	47	39	57	57	52	50	48	50	29	62	2902
054	Harness for Working Animal	287	20	15	11	26	14	30	25	33	38	25	13	26	23	26	17	10	10	18	11	9	7	694
055	Gas Separation	1372	71	72	55	90	93	80	85	71	67	76	49	50	46	41	46	51	57	45	54	43	34	2648
056	Harvesters	1643	118	96	54	84	100	95	70	77	64	60	68	53	27	38	36	53	40	49	38	45	31	2939
057	Textiles: Spinning, Twisting, and Twining	571	16	13	25	36	25	14	22	12	7	11	3	6	4	5	6	3	11	3	5	2	0	800
059	Chain, Staple, and Horseshoe Making	189	13	8	14	5	11	8	8	8	14	10	15	11	9	8	7	4	2	8	6	7	3	368
060	Power Plants	2705	95	89	93	130	118	116	132	123	108	120	113	151	95	75	79	107	124	102	160	144	128	5107
062	Refrigeration	2780	165	174	154	202	196	212	241	240	208	164	119	128	139	97	79	125	112	100	120	107	96	5958
063	Jewelry	486	49	39	47	39	38	41	33	42	47	34	28	35	31	35	18	24	18	34	40	37	28	1223
065	Glass Manufacturing	383	15	8	11	15	25	13	17	26	19	16	15	10	9	8	7	3	8	6	5	6	6	631
066	Textiles: Knitting	314	14	16	16	21	17	25	23	16	8	12	14	13	7	4	11	13	13	6	10	6	9	588
068	Textiles: Fluid Treating Apparatus	396	29	25	14	26	24	25	21	27	22	10	7	5	5	14	8	9	7	10	5	11	20	720
069	Leather Manufactures	68	1	2	1	2	0	1	2	2	2	2	1	0	1	1	1	2	0	1	0	0	0	90
070	Locks	2402	167	161	165	220	224	170	128	178	163	141	125	105	97	94	88	71	77	77	88	98	63	5102
071	Chemistry: Fertilizers	318	20	18	25	23	24	17	25	32	24	16	9	7	6	9	8	18	18	18	19	22	23	699
072	Metal Deforming	1816	63	80	91	107	101	96	79	60	64	62	53	94	78	48	46	40	36	66	38	43	40	3201
073	Measuring and Testing	5365	305	337	270	335	310	275	287	304	315	271	239	253	234	259	191	188	187	209	207	182	165	10688
074	Machine Element or Mechanism	3590	185	210	183	200	226	196	171	151	137	112	95	108	110	67	79	75	75	90	104	99	98	6361
075	Specialized Metallurgical Processes, Compositions for Use Therein, Consolidated Metal Powder Compositions, and Loose Metal Particulate Mixtures	553	32	20	20	29	23	19	37	34	23	17	8	12	11	9	12	17	10	14	19	11	15	945
076	Metal Tools and Implements, Making	418	22	17	27	15	16	26	13	12	10	7	7	9	6	5	10	1	6	8	9	7	4	655
079	Button Making	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
081	Tools	2643	143	186	149	190	256	300	317	252	191	213	230	273	223	153	89	118	119	131	186	187	147	6696
082	Turning	500	10	22	30	35	26	19	28	21	38	21	18	16	11	7	4	15	14	9	10	13	8	875
083	Cutting	2682	102	115	102	136	147	138	119	83	120	134	84	103	84	53	57	71	67	58	71	59	65	4650
084	Music	2181	146	162	118	167	189	196	184	148	150	132	106	146	161	168	194	230	178	190	186	216	220	5768
086	Ammunition and Explosive-Charge Making	163	6	2	4	8	3	6	4	8	7	3	6	8	4	2	14	12	4	1	9	12	14	300
087	Textiles: Braiding, Netting, and Lace Making	74	0	5	7	5	9	3	3	6	5	5	1	3	5	2	1	2	1	1	3	0	0	141
089	Ordnance	636	49	34	47	46	48	37	54	53	59	57	55	45	50	55	47	69	80	102	93	105	85	1906
091	Motors: Expansible Chamber Type	971	19	21	26	25	18	20	20	15	19	17	9	14	16	10	9	6	6	7	8	10	6	1272
092	Expansible Chamber Devices	1060	46	38	25	40	36	38	40	38	32	18	19	15	25	17	17	15	18	15	15	15	19	1601
095	Gas Separation: Processes	591	41	51	46	37	47	32	51	50	41	29	40	27	19	31	21	41	52	55	60	62	29	1453
096	Gas Separation: Apparatus	1073	41	56	54	56	74	57	75	74	49	61	52	49	47	43	37	59	50	55	60	62	47	2231
099	Foods and Beverages: Apparatus	2260	179	173	182	215	212	223	231	156	136	132	98	116	72	73	51	94	80	118	115	137	142	5195
100	Presses	1242	67	57	75	72	51	43	37	28	34	30	23	40	30	39	33	15	24	18	34	25	14	2031
101	Printing	1181	84	53	55	83	64	69	71	54	57	66	38	55	26	20	25	23	30	23	24	35	19	2155
102	Ammunition and Explosives	611	43	24	30	31	37	18	46	41	43	39	36	37	36	31	34	30	44	49	40	36	36	1372
104	Railways	714	47	36	41	39	34	26	34	42	43	35	29	21	12	22	33	26	30	30	33	35	18	1380
105	Railway Rolling Stock	548	24	26	22	26	13	20	27	18	19	13	18	15	12	10	11	14	19	16	14	13	7	905
106	Compositions: Coating or Plastic	1240	76	66	73	83	78	69	69	63	79	67	38	38	41	28	27	47	49	54	41	36	25	2387
108	Horizontally Supported Planar Surfaces	1839	125	145	143	161	146	189	145	124	122	128	85	91	58	69	74	72	77	112	107	107	80	4199
109	Safes, Bank Protection, or a Related Device	331	14	11	17	22	21	18	6	22	12	6	9	10	10	12	8	14	10	10	15	20	14	612
110	Furnaces	1013	44	41	34	44	37	37	36	31	21	20	21	25	8	19	15	18	18	27	14	15	21	1559
111	Planting	496	32	36	27	22	29	33	42	25	30	21	20	26	9	19	26	26	17	13	27	17	15	1008
112	Sewing	571	27	31	29	46	43	35	40	31	18	24	22	24	14	15	12	13	12	18	15	15	20	1075
114	Ships	3325	182	198	191	212	221	233	193	179	191	150	209	207	166	136	131	122	132	146	104	170	152	6950
116	Signals and Indicators	1663	95	110	93	85	118	117	97	94	85	84	64	79	61	65	56	64	50	56	47	57	50	3290
117	Single-Crystal, Oriented-Crystal, and Epitaxy Growth Processes; Non-Coating Apparatus Therefor	143	13	7	6	16	9	12	9	5	7	6	3	6	11	17	8	6	8	11	10	6	5	324
118	Coating Apparatus	1332	79	67	77	94	92	71	73	63	61	59	35	43	26	27	29	36	41	23	37	43	36	2444
119	Animal Husbandry	2922	202	237	227	342	290	276	257	312	303	232	211	236	200	140	133	184	205	206	206	204	184	7709
122	Liquid Heaters and Vaporizers	755	22	27	21	28	31	27	29	16	34	21	18	17	12	13	18	19	15	16	11	9	13	1172
123	Internal-Combustion Engines	3800	165	178	160	194	182	162	231	176	182	170	156	180	160	148	123	143	127	131	152	143	121	7184
124	Mechanical Guns and Projectors	1078	91	87	105	82	72	73	76	75	98	101	69	72	66	56	61	100	69	83	73	92	73	2752
125	Stone Working	295	14	13	20	15	16	26	21	15	22	27	25	29	16	14	8	10	6	9	14	11	5	631

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total	
126	Stoves and Furnaces	4599	137	150	124	152	176	183	151	94	126	117	103	71	41	32	53	79	101	96	107	124	92	6908	
127	Sugar, Starch, and Carbohydrates	97	8	5	4	7	10	6	5	6	2	3	2	2	3	1	0	5	7	3	6	2	5	189	
128	Surgery	3710	368	374	345	437	369	372	327	296	312	266	225	235	157	129	122	176	196	213	193	227	134	9183	
131	Tobacco	589	22	27	29	51	43	42	18	22	24	29	10	12	10	6	12	13	17	24	32	31	36	1099	
132	Toilet	1392	102	129	127	200	247	181	133	108	103	78	38	70	84	57	48	49	77	102	102	119	119	3665	
134	Cleaning and Liquid Contact with Solids	1661	137	125	104	140	182	158	132	133	104	80	68	58	58	53	58	61	79	56	83	75	80	3685	
135	Tent, Canopy, Umbrella, or Cane	1280	101	128	133	137	121	132	161	119	119	126	105	81	105	100	89	100	112	92	129	128	113	3711	
136	Batteries: Thermoelectric and Photoelectric	533	24	26	24	26	18	27	22	23	17	24	16	14	10	2	20	24	42	56	50	60	62	1120	
137	Fluid Handling	5461	264	259	266	309	365	372	359	236	238	208	206	213	174	139	119	176	129	180	215	209	189	10286	
138	Pipes and Tubular Conduits	1513	76	74	58	81	112	101	86	82	64	62	50	48	34	35	51	47	47	48	56	52	46	2823	
139	Textiles: Weaving	300	23	15	11	15	12	12	12	9	1	15	8	10	2	3	3	8	4	7	8	2	9	489	
140	Wireworking	265	12	12	10	15	17	12	13	5	9	6	11	14	8	4	6	3	8	3	14	12	4	463	
141	Fluent Material Handling, with Receiver or Receiver Coacting Means	1589	120	124	98	108	140	129	129	116	94	115	91	71	69	48	53	77	75	67	79	79	71	3542	
142	Wood Turning	56	4	3	5	3	6	4	2	0	5	0	0	2	1	0	1	0	2	0	0	2	1	97	
144	Woodworking	1560	72	68	82	82	96	89	81	83	84	60	44	66	49	37	41	50	56	27	20	14	16	2777	
147	Coopering	5	1	0	1	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	10
148	Metal Treatment	469	29	16	23	26	26	30	39	36	44	36	13	10	8	13	14	12	10	16	22	12	8	912	
149	Explosive and Thermic Compositions or Charges	110	3	8	5	7	2	2	3	1	4	3	5	2	0	0	2	3	5	6	5	1	2	179	
150	Purses, Wallets, and Protective Covers	521	46	57	52	63	66	76	74	57	45	39	30	34	28	31	28	29	24	38	27	42	23	1430	
152	Resilient Tires and Wheels	531	19	24	20	27	29	28	27	25	36	22	25	30	21	14	16	21	17	25	19	31	13	1020	
156	Adhesive Bonding and Miscellaneous Chemical Manufacture	3526	225	184	176	238	232	205	230	188	190	162	98	103	95	70	69	115	120	115	127	112	120	6700	
157	Wheelwright Machines	134	5	6	3	4	5	7	8	3	3	2	8	5	5	6	4	3	4	7	5	7	5	239	
159	Concentrating Evaporators	245	14	7	11	15	9	5	7	13	6	11	9	7	3	8	9	10	11	9	10	8	4	431	
160	Flexible or Portable Closure, Partition, or Panel	1645	129	138	126	150	148	174	144	132	125	113	91	90	81	65	61	85	68	99	88	99	86	3937	
162	Paper Making and Fiber Liberation	399	21	24	28	29	20	21	27	14	17	10	10	11	13	11	17	9	12	16	14	10	8	741	
163	Needle and Pin Making	5	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	8
164	Metal Founding	723	25	34	23	28	16	11	31	41	30	14	17	20	8	12	6	10	17	15	13	11	10	1115	
165	Heat Exchange	2644	103	107	67	125	115	103	143	107	94	127	82	95	70	58	42	61	58	70	57	63	61	4452	
166	Wells	1576	91	89	76	111	90	118	153	102	106	92	73	102	102	99	79	130	101	112	119	149	138	3808	
168	Farriery	124	2	6	8	7	5	12	9	11	10	7	9	3	7	6	12	7	0	5	4	9	3	266	
169	Fire Extinguishers	442	19	38	41	41	58	54	39	42	31	25	27	28	24	15	20	27	19	18	23	31	38	1100	

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
171	Unearthing Plants or Buried Objects	153	4	3	2	5	5	6	3	5	1	2	3	6	0	1	2	5	0	0	3	2	1	212
172	Earth Working	1596	95	82	67	97	84	89	75	68	62	46	49	49	17	18	32	43	37	40	32	40	33	2751
173	Tool Driving or Impacting	686	30	34	23	41	36	46	30	24	39	39	30	27	27	22	14	21	18	25	15	18	19	1264
174	Electricity: Conductors and Insulators	1448	76	90	87	147	133	108	155	160	125	141	144	129	96	99	110	105	90	79	87	88	70	3767
175	Boring or Penetrating the Earth	1357	73	68	48	74	67	69	72	67	76	57	52	65	78	71	70	94	62	69	59	67	48	2763
177	Weighing Scales	487	16	11	20	30	19	18	19	22	26	22	11	14	25	15	19	12	9	9	21	27	13	865
178	Telegraphy	120	4	11	5	9	6	8	4	6	7	0	4	2	4	3	4	3	7	7	17	22	6	259
180	Motor Vehicles	2331	141	150	118	142	164	146	138	168	149	122	144	144	129	127	112	156	137	138	184	157	96	5293
181	Acoustics	1054	44	47	51	66	79	79	53	63	63	46	48	30	27	41	50	40	66	56	56	56	50	2165
182	Fire Escape, Ladder, or Scaffold	2113	101	112	111	154	166	152	100	124	113	142	105	117	96	50	41	62	73	95	101	113	75	4316
184	Lubrication	521	53	55	28	35	41	40	46	30	25	22	19	17	14	11	6	12	7	12	10	17	7	1028
185	Motors: Spring, Weight, or Animal Powered	89	1	4	5	2	4	6	5	5	4	2	5	1	1	1	2	3	2	2	3	2	3	152
186	Merchandising	83	11	7	6	5	8	4	5	6	3	6	0	4	2	0	1	2	4	0	2	5	4	168
187	Elevator, Industrial Lift Truck, or Stationary Lift for Vehicle	381	25	30	27	24	36	25	21	26	25	13	12	21	25	16	14	17	18	31	13	19	12	831
188	Brakes	1471	98	104	85	111	108	110	91	115	75	67	65	66	47	48	39	41	45	37	57	62	50	2992
190	Trunks and Hand-Carried Luggage	520	48	58	49	50	55	43	50	52	45	24	26	22	23	23	23	22	25	28	39	25	24	1274
191	Electricity: Transmission To Vehicles	153	8	6	10	9	9	14	21	18	10	6	9	5	4	3	5	1	7	4	6	7	3	318
192	Clutches and Power-Stop Control	821	31	67	46	32	59	49	44	36	38	30	28	30	19	18	12	18	10	16	20	28	17	1469
193	Conveyors, Chutes, Skids, Guides, and Ways	309	16	11	9	10	11	17	18	19	9	5	5	12	8	10	6	9	8	3	13	10	11	529
194	Check-Actuated Control Mechanisms	291	21	23	16	12	17	10	15	9	11	8	4	8	6	4	5	10	5	4	2	3	1	485
196	Mineral Oils: Apparatus	62	4	3	1	9	8	1	6	3	1	1	1	0	1	0	0	2	0	1	5	2	4	115
198	Conveyors: Power-Driven	2166	84	76	76	89	82	101	103	104	80	72	55	60	52	59	42	63	52	41	56	50	59	3622
200	Electricity: Circuit Makers and Breakers	1976	92	96	93	118	103	80	64	81	72	77	61	61	68	51	42	46	44	45	35	29	37	3371
201	Distillation: Processes, Thermolytic	174	7	3	3	5	4	4	3	3	3	4	1	5	1	2	4	8	6	8	12	9	7	276
202	Distillation: Apparatus	544	21	16	21	23	18	21	10	20	12	12	8	12	5	11	13	18	17	21	22	17	18	880
203	Distillation: Processes, Separatory	554	52	19	30	40	28	18	12	24	11	8	10	8	2	8	10	13	12	14	20	14	7	914
204	Chemistry: Electrical and Wave Energy	1503	117	86	88	92	75	103	135	84	73	74	50	38	36	55	30	57	53	76	70	60	59	3014
205	Electrolysis: Processes, Compositions Used Therein, and Methods of Preparing the Compositions	808	54	42	39	51	42	47	68	52	30	37	21	26	31	21	20	27	28	52	48	33	33	1610
206	Special Receptacle or Package	6346	448	431	441	627	590	582	494	416	394	333	296	250	249	240	234	300	295	330	355	367	287	14305
208	Mineral Oils: Processes and Products	371	15	26	12	18	30	15	19	11	14	9	4	10	7	10	11	16	13	18	22	13	22	686
209	Classifying, Separating, and Assorting Solids	1366	65	53	57	59	72	59	50	54	37	40	40	37	25	28	31	34	34	26	50	50	43	2310

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
210	Liquid Purification or Separation	5105	334	368	343	367	399	368	420	337	306	273	252	241	235	221	210	271	251	254	210	197	190	11152
211	Supports: Racks	3186	196	262	220	300	287	284	238	216	222	180	166	159	123	99	103	119	186	148	191	180	155	7220
212	Traversing Hoists	421	23	25	19	25	28	34	22	25	23	15	18	12	17	21	14	17	15	10	14	12	7	817
213	Railway Draft Appliances	52	0	2	0	2	1	3	4	2	1	5	2	5	1	1	1	2	3	1	2	1	2	93
215	Bottles and Jars	1587	103	90	96	101	112	121	96	88	73	64	55	49	40	34	50	63	62	85	89	111	50	3219
216	Etching a Substrate: Processes	242	24	11	10	17	14	13	18	23	23	27	11	15	10	18	9	7	10	8	12	19	10	551
217	Wooden Receptacles	186	4	5	6	7	4	7	6	4	5	1	3	3	1	3	1	7	2	4	2	4	2	267
218	High-Voltage Switches with Arc Preventing or Extinguishing Devices	46	1	6	1	1	1	3	4	0	0	2	0	1	0	0	1	0	0	2	4	2	2	77
219	Electric Heating	2934	169	153	148	206	200	257	191	172	164	182	134	152	111	73	77	92	85	110	114	100	85	5909
220	Receptacles	5008	346	389	328	417	437	429	390	350	319	274	222	241	195	179	203	247	252	314	372	399	316	11627
221	Article Dispensing	1158	65	76	49	81	76	72	77	102	87	61	52	66	40	43	42	51	48	44	53	43	47	2433
222	Dispensing	4528	292	296	250	291	383	308	308	283	206	231	214	221	144	131	110	168	141	178	203	203	117	9206
223	Apparel Apparatus	649	32	47	64	51	60	75	64	36	24	39	24	29	39	30	13	33	26	33	32	34	42	1476
224	Package and Article Carriers	3350	290	308	303	335	347	314	297	248	241	214	138	130	135	76	96	158	139	171	177	235	256	7958
225	Severing by Tearing or Breaking	363	15	22	10	22	23	23	11	16	27	17	19	14	14	11	12	14	5	7	15	15	16	691
226	Advancing Material of Indeterminate Length	461	18	14	14	17	14	10	11	7	4	6	4	4	5	5	1	3	3	6	3	0	5	615
227	Elongated-Member-Driving Apparatus	550	33	26	36	30	35	37	28	41	37	37	35	28	22	11	17	16	19	9	14	19	6	1086
228	Metal Fusion Bonding	759	42	39	32	26	41	42	43	34	39	33	25	16	9	10	16	16	19	14	15	20	13	1303
229	Envelopes, Wrappers, and Paperboard Boxes	1489	95	78	85	115	106	107	104	83	73	37	57	45	43	27	20	45	46	34	34	50	40	2813
231	Whips and Whip Apparatus	21	0	0	1	0	1	3	0	1	1	2	1	1	1	3	2	2	1	1	0	0	0	42
232	Deposit and Collection Receptacles	446	39	23	29	19	30	24	21	14	20	24	22	32	41	30	20	14	14	13	16	14	14	919
234	Selective Cutting (e.g., Punching)	12	0	0	0	2	1	0	1	0	0	1	0	1	0	1	1	1	0	0	0	0	0	21
235	Registers	1051	93	84	76	80	118	120	73	100	129	128	89	138	131	118	100	139	132	144	160	164	141	3508
236	Automatic Temperature and Humidity Regulation	785	29	20	18	25	25	39	24	32	25	22	20	21	18	21	11	20	22	22	27	17	17	1260
237	Heating Systems	832	12	18	15	14	30	29	23	15	20	18	9	10	8	3	8	4	9	7	8	7	9	1108
238	Railways: Surface Track	237	15	20	10	22	12	12	15	13	14	10	8	8	5	6	2	9	9	8	12	7	10	464
239	Fluid Sprinkling, Spraying, and Diffusing	3415	168	139	191	249	265	292	221	214	205	181	146	168	112	114	93	152	137	118	149	147	150	7026
241	Solid Material Comminution or Disintegration	1448	99	96	83	95	116	87	59	74	85	61	52	64	70	58	79	72	86	74	69	89	45	3061
242	Winding, Tensioning, or Guiding	2194	97	114	118	128	156	133	122	142	125	84	85	86	70	99	63	74	60	56	60	62	46	4174
244	Aeronautics and Astronautics	1596	67	81	59	107	110	120	119	129	122	113	91	99	72	53	71	78	101	110	124	89	98	3609
245	Wire Fabrics and Structure	23	1	2	2	0	3	1	1	1	0	2	2	2	1	1	0	0	0	1	2	0	0	45

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
246	Railway Switches and Signals	101	14	6	9	15	8	16	16	15	16	9	5	5	9	9	8	10	9	10	5	9	9	313
248	Supports	8143	548	604	551	749	673	741	651	659	607	508	397	411	413	315	400	493	418	418	455	437	440	19031
249	Static Molds	1079	35	45	61	60	51	49	50	49	42	33	30	39	29	12	20	23	25	25	34	29	22	1842
250	Radiant Energy	2460	173	148	153	175	169	141	142	138	170	154	109	155	133	130	130	153	135	134	148	158	114	5522
251	Valves and Valve Actuation	2477	138	117	107	124	138	147	136	100	98	92	111	111	74	63	53	66	63	83	87	97	60	4542
252	Compositions	1039	64	80	68	66	75	72	74	74	62	57	33	33	36	22	25	41	52	57	45	42	40	2157
254	Implements or Apparatus for Applying Pushing or Pulling Force	1860	102	89	101	95	132	137	124	106	119	105	98	110	89	77	60	89	71	96	115	92	66	3933
256	Fences	698	52	54	61	55	64	57	52	51	72	63	53	44	33	42	39	34	28	33	41	45	29	1700
257	Active Solid-State Devices (e.g., Transistors, Solid-State Diodes)	1017	132	119	130	162	175	176	238	241	247	236	174	206	165	185	137	199	144	130	161	210	168	4752
258	Railway Mail Delivery	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	6
260	Chemistry of Carbon Compounds	62	0	0	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
261	Gas and Liquid Contact Apparatus	1652	62	57	57	59	52	60	65	52	43	47	37	30	35	29	45	30	36	53	39	54	46	2640
264	Plastic and Nonmetallic Article Shaping or Treating: Processes	3782	209	226	202	269	234	225	206	196	193	159	100	120	94	49	73	117	113	107	110	110	117	7011
266	Metallurgical Apparatus	541	30	19	26	21	17	29	17	19	19	23	7	8	8	8	17	13	9	17	19	14	17	898
267	Spring Devices	763	38	42	28	37	45	27	30	44	27	31	19	28	24	24	20	13	12	20	23	28	23	1346
269	Work Holders	1829	73	109	77	106	113	109	92	86	95	77	50	68	51	32	36	44	59	81	86	76	64	3413
270	Sheet-Material Associating	151	5	5	3	7	3	9	4	3	4	5	9	3	2	3	0	5	6	0	2	3	0	232
271	Sheet Feeding or Delivering	560	29	21	11	19	18	20	14	16	13	9	10	10	7	6	8	13	9	6	8	9	2	818
273	Amusement Devices: Games	4592	325	302	303	371	322	287	297	303	290	207	162	183	176	155	151	167	141	147	189	150	80	9300
277	Seal for a Joint or Juncture	891	41	45	38	29	38	30	58	57	34	36	30	22	25	15	14	20	20	22	26	31	22	1544
278	Land Vehicles: Animal Draft Appliances	4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	1	0	8
279	Chucks or Sockets	677	31	30	24	34	44	23	39	17	25	10	29	14	17	13	18	19	12	12	13	22	12	1135
280	Land Vehicles	7219	515	518	392	600	576	652	620	628	530	495	441	450	440	390	358	433	395	466	506	479	439	17542
281	Books, Strips, and Leaves	693	58	49	59	73	79	65	43	46	31	26	24	26	13	10	13	16	8	15	11	15	4	1377
283	Printed Matter	970	73	67	66	102	116	101	79	56	45	34	36	31	25	16	11	22	31	22	26	20	10	1959
285	Pipe Joints or Couplings	2174	109	95	96	121	156	110	105	97	103	84	67	70	64	79	51	70	46	62	64	53	51	3927
289	Knots and Knot Tying	113	7	7	12	5	8	7	12	8	6	6	5	5	2	3	6	4	6	9	7	2	5	245
290	Prime-Mover Dynamo Plants	702	30	13	18	34	23	36	37	32	22	69	64	79	73	90	82	109	141	167	185	175	128	2309
291	Track Sanders	21	0	3	0	0	1	2	1	2	1	1	4	1	0	0	1	1	1	0	2	0	0	42
292	Closure Fasteners	1763	90	115	110	99	114	107	75	111	102	75	68	69	72	56	44	49	54	52	71	59	50	3405
293	Vehicle Fenders	299	9	10	19	17	20	13	21	14	22	14	14	14	11	16	8	10	11	13	15	8	8	586
294	Handling: Hand and Hoist-Line Implements	3097	205	192	183	235	212	206	133	187	136	88	100	106	108	92	77	104	100	112	138	131	124	6066

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
295	Railway Wheels and Axles	25	2	3	1	0	2	1	2	1	2	1	0	0	0	1	0	0	0	1	1	1	0	44
296	Land Vehicles: Bodies and Tops	2586	154	184	168	216	210	257	260	192	204	211	169	184	175	145	135	147	124	144	153	149	109	6276
297	Chairs and Seats	3111	224	279	247	295	316	355	267	260	260	252	207	236	176	211	170	200	177	189	199	229	230	8090
298	Land Vehicles: Dumping	319	15	13	11	16	14	18	15	12	17	28	11	13	7	7	10	14	15	10	8	9	3	585
299	Mining or In Situ Disintegration of Hard Material	553	20	15	22	20	20	25	19	19	21	15	11	19	11	31	27	25	17	18	21	26	9	964
300	Brush, Broom, and Mop Making	74	6	2	6	6	6	1	6	1	5	2	1	2	3	3	0	1	3	4	3	1	1	137
301	Land Vehicles: Wheels and Axles	541	36	52	30	42	45	54	56	54	53	45	34	39	36	31	18	34	38	17	29	29	24	1337
303	Fluid-Pressure and Analogous Brake Systems	214	21	13	17	13	16	13	16	21	15	8	7	6	1	8	4	11	10	5	6	4	2	431
305	Wheel Substitutes for Land Vehicles	144	13	4	8	10	10	14	10	11	10	4	4	5	3	5	2	10	8	6	2	8	7	298
307	Electrical Transmission or Interconnection Systems	1160	73	105	103	121	126	93	60	62	77	65	37	66	46	36	51	73	62	83	62	67	53	2681
310	Electrical Generator or Motor Structure	1323	72	69	69	104	101	90	106	94	85	116	87	87	56	68	78	94	92	101	97	74	64	3127
312	Supports: Cabinet Structure	2017	125	145	126	174	170	172	118	139	126	106	78	76	63	55	49	77	74	80	72	85	80	4207
313	Electric Lamp and Discharge Devices	559	32	39	27	41	58	37	47	42	49	42	32	44	25	28	29	38	36	41	46	25	21	1338
314	Electric Lamp and Discharge Devices: Consumable Electrodes	11	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	13
315	Electric Lamp and Discharge Devices: Systems	1116	85	73	49	79	71	91	94	73	97	65	72	69	54	39	43	62	69	96	114	119	123	2753
318	Electricity: Motive Power Systems	1061	69	62	44	71	52	64	55	49	39	35	36	37	34	32	45	35	43	53	47	33	34	2030
320	Electricity: Battery or Capacitor Charging or Discharging	321	19	36	42	42	46	47	54	46	44	38	27	23	25	16	30	47	51	69	56	62	90	1231
322	Electricity: Single Generator Systems	186	3	13	11	8	5	7	8	4	8	9	16	11	7	10	11	5	8	5	7	6	6	354
323	Electricity: Power Supply or Regulation Systems	379	11	25	19	27	21	30	30	39	21	17	20	17	17	8	17	20	14	24	23	19	23	821
324	Electricity: Measuring and Testing	1986	146	148	103	148	119	132	153	167	138	126	112	144	108	112	90	96	96	106	96	93	89	4508
326	Electronic Digital Logic Circuitry	103	8	11	12	15	11	9	12	18	12	13	11	10	19	18	24	38	17	22	17	12	8	420
327	Miscellaneous Active Electrical Nonlinear Devices, Circuits, and Systems	609	29	37	18	42	39	38	36	34	30	29	24	33	22	29	30	52	28	18	46	45	23	1291
329	Demodulators	64	8	4	2	2	3	3	2	2	0	2	0	1	2	1	4	2	1	2	2	3	0	110
330	Amplifiers	317	9	19	16	22	21	19	25	16	23	22	7	22	17	26	23	30	17	25	20	15	9	720
331	Oscillators	249	6	13	9	17	17	9	14	8	10	7	8	5	10	7	17	11	17	10	11	14	7	476
332	Modulators	70	7	6	2	2	5	5	4	7	1	2	3	3	7	0	5	5	4	2	4	6	3	153
333	Wave Transmission Lines and Networks	408	26	25	19	30	25	27	21	24	30	20	29	20	15	19	25	16	12	13	20	19	16	859
334	Tuners	24	2	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0	2	0	32
335		498	21	29	26	23	31	24	25	19	28	23	33	26	22	21	17	20	19	31	15	23	24	998

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
	Electricity: Magnetically Operated Switches, Magnets, and Electromagnets																							
336	Inductor Devices	255	15	19	13	17	17	12	10	12	18	28	21	24	14	5	11	13	8	15	15	12	9	563
337	Electricity: Electrothermally or Thermally Actuated Switches	304	10	11	18	21	27	22	20	18	23	16	9	18	13	7	9	15	8	10	3	4	4	590
338	Electrical Resistors	438	6	14	13	14	13	20	8	10	9	7	4	6	7	4	4	8	9	4	6	6	0	610
340	Communications: Electrical	4962	354	428	453	542	532	569	518	464	359	431	425	551	424	473	387	462	413	428	492	461	384	14512
341	Coded Data Generation or Conversion	479	37	40	56	54	50	53	51	57	52	36	39	43	45	38	42	53	27	27	34	25	26	1364
342	Communications: Directive Radio Wave Systems and Devices (e.g., Radar, Radio Navigation)	557	38	61	45	73	66	68	87	73	62	56	67	59	54	60	60	49	56	46	53	38	27	1755
343	Communications: Radio Wave Antennas	570	38	38	30	47	54	55	61	58	35	38	51	53	59	55	45	47	30	26	40	42	30	1502
345	Computer Graphics Processing and Selective Visual Display Systems	693	76	91	114	132	152	183	182	165	158	136	143	173	151	125	124	186	130	181	227	263	230	4015
346	Recorders	274	5	7	2	3	6	2	4	3	1	1	1	0	2	2	0	0	0	0	2	0	0	315
347	Incremental Printing of Symbolic Information	231	19	19	21	33	21	28	25	35	32	27	26	44	28	43	15	19	18	24	19	15	23	765
348	Television	1540	140	168	172	209	200	184	192	157	154	172	131	212	155	165	132	190	137	194	184	230	235	5253
349	Liquid Crystal Cells, Elements and Systems	164	26	23	17	16	16	16	25	17	23	19	28	20	10	15	15	21	26	23	23	28	24	595
351	Optics: Eye Examining, Vision Testing and Correcting	1097	98	85	93	101	132	130	110	107	110	110	97	93	115	118	96	122	88	74	73	108	77	3234
352	Optics: Motion Pictures	416	13	16	15	17	22	11	11	10	12	16	4	10	8	6	7	12	6	9	11	10	5	647
353	Optics: Image Projectors	386	25	15	15	17	25	18	15	20	13	33	20	27	17	29	21	22	23	26	15	25	14	821
355	Photocopying	599	15	10	16	15	18	7	19	10	14	9	12	15	8	6	7	7	8	3	2	12	7	819
356	Optics: Measuring and Testing	1542	111	112	109	129	131	124	67	91	98	101	93	102	97	89	75	107	78	83	99	72	59	3569
358	Facsimile and Static Presentation Processing	327	43	41	30	36	56	33	19	30	31	34	20	56	42	31	64	80	46	40	30	34	25	1148
359	Optical: Systems and Elements	2734	152	146	120	186	202	189	217	224	184	171	169	186	147	143	122	157	122	121	122	126	116	6056
360	Dynamic Magnetic Information Storage or Retrieval	786	39	47	30	44	26	30	34	30	34	21	12	21	13	6	14	23	10	15	8	4	8	1255
361	Electricity: Electrical Systems and Devices	1828	140	146	149	204	173	193	197	193	190	211	158	148	153	152	144	186	155	145	173	174	144	5356
362	Illumination	3209	300	324	314	404	382	480	481	428	480	414	373	461	394	314	308	370	327	372	415	382	367	11299
363	Electric Power Conversion Systems	451	22	30	33	35	32	38	39	41	29	22	21	23	24	14	26	33	23	26	35	23	34	1054
365	Static Information Storage and Retrieval	259	28	34	37	41	34	38	30	25	33	22	33	39	29	35	72	68	49	28	43	93	54	1124
366	Agitating	1504	95	98	77	104	100	87	94	69	55	55	50	45	39	48	37	47	58	68	48	43	40	2861
367	Communications, Electrical: Acoustic Wave Systems and Devices	703	39	38	38	38	39	35	32	29	23	26	26	27	26	47	27	40	16	25	23	26	28	1351

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
368	Horology: Time Measuring Systems or Devices	851	37	38	53	62	55	52	66	67	47	59	40	55	37	48	37	42	44	34	44	34	20	1822
369	Dynamic Information Storage or Retrieval	497	42	28	32	42	27	35	29	30	35	21	18	27	16	13	29	34	23	17	15	8	9	1027
370	Multiplex Communications	295	43	57	43	62	54	56	53	44	46	59	61	118	110	113	186	289	171	158	157	172	122	2469
372	Coherent Light Generators	372	32	28	31	27	23	21	22	22	36	44	32	29	18	22	30	22	27	18	22	18	30	926
373	Industrial Electric Heating Furnaces	178	9	7	2	4	9	19	8	11	4	8	2	3	0	3	6	2	2	1	4	5	1	288
374	Thermal Measuring and Testing	804	23	41	38	61	31	44	42	34	38	34	32	33	33	36	18	21	12	28	19	14	13	1449
375	Pulse or Digital Communications	384	41	62	63	71	76	65	47	57	54	60	59	104	93	74	86	114	66	69	76	92	91	1904
376	Induced Nuclear Reactions: Processes, Systems, and Elements	438	17	21	16	17	10	8	9	5	9	8	6	2	3	1	3	3	6	6	4	10	5	607
377	Electrical Pulse Counters, Pulse Dividers, or Shift Registers: Circuits and Systems	408	12	12	6	4	6	11	8	8	3	8	5	6	1	0	0	5	3	3	0	2	0	511
378	X-Ray or Gamma Ray Systems or Devices	646	33	48	26	47	31	41	34	37	33	24	36	49	43	43	54	54	33	43	40	41	34	1470
379	Telephonic Communications	1292	108	124	111	148	126	121	111	92	109	116	107	111	99	74	96	106	94	101	147	130	69	3592
380	Cryptography	280	22	27	44	43	26	39	30	25	16	20	27	36	26	27	41	77	46	58	54	47	28	1039
381	Electrical Audio Signal Processing Systems and Devices	1135	57	72	81	151	79	87	56	91	93	91	74	92	82	59	71	97	150	201	147	134	150	3250
382	Image Analysis	330	43	55	63	75	95	88	71	71	87	91	84	144	119	93	126	195	154	161	178	194	131	2648
383	Flexible Bags	1247	104	83	75	101	122	122	106	68	57	46	42	47	42	36	32	40	55	52	53	58	40	2628
384	Bearings	868	56	44	33	47	36	32	55	47	35	19	21	19	15	19	13	12	11	12	19	32	20	1465
385	Optical Waveguides	565	42	55	46	87	80	75	72	98	91	87	95	139	74	63	53	60	35	46	36	39	36	1974
386	Motion Video Signal Processing for Recording or Reproducing	290	21	19	31	21	24	22	20	21	15	19	12	12	11	19	14	12	18	15	30	24	20	690
388	Electricity: Motor Control Systems	98	5	8	3	4	8	5	3	1	1	2	2	5	7	2	3	5	1	2	0	0	0	165
392	Electric Resistance Heating Devices	814	50	34	33	59	63	54	48	42	36	35	40	31	26	27	26	21	27	49	25	38	24	1602
396	Photography	1062	30	47	38	81	62	43	33	36	48	51	28	31	33	36	43	54	57	57	52	76	39	2037
398	Optical Communications	151	10	19	15	19	24	19	19	30	21	20	25	28	21	18	28	39	22	29	18	14	18	607
399	Electrophotography	165	21	7	13	19	13	11	24	13	14	8	11	27	10	8	14	12	7	7	2	8	3	417
400	Typewriting Machines	643	59	43	37	42	39	34	23	29	37	34	35	23	26	9	12	15	10	7	16	9	7	1189
401	Coating Implements with Material Supply	1390	84	92	56	94	156	137	153	114	101	110	89	96	71	67	48	53	49	86	77	78	74	3275
402	Binder Device Releasably Engaging Aperture or Notch of Sheet	362	20	31	33	43	32	39	23	26	18	18	13	17	11	8	2	12	4	4	8	5	6	735
403	Joints and Connections	3660	210	214	201	214	209	211	198	192	195	152	133	106	97	88	83	105	87	94	91	101	83	6724
404	Road Structure, Process, or Apparatus	1374	106	88	95	88	101	98	88	97	85	121	70	113	75	64	83	87	62	64	75	66	59	3159
405	Hydraulic and Earth Engineering	2807	160	222	156	191	215	153	165	199	184	183	158	176	128	137	129	139	142	114	150	148	130	6186

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
406	Conveyors: Fluid Current	380	15	18	12	10	14	13	20	14	19	11	7	12	5	4	6	6	4	11	11	11	5	608
407	Cutters, for Shaping	326	10	6	22	19	20	22	19	8	16	5	10	11	18	10	9	11	6	6	1	4	3	562
408	Cutting by Use of Rotating Axially Moving Tool	1299	67	58	67	92	87	55	80	51	58	43	38	54	48	30	36	26	19	23	28	37	27	2323
409	Gear Cutting, Milling, or Planing	749	34	33	55	58	48	63	42	52	40	29	31	36	37	25	16	17	13	7	10	11	19	1425
410	Freight Accommodation On Freight Carrier	561	51	46	34	47	49	59	60	53	61	58	42	50	49	39	34	36	42	48	49	37	28	1533
411	Expanded, Threaded, Driven, Headed, Tool-Deformed, or Locked-Threaded Fastener	1467	96	120	103	118	121	107	95	78	74	73	50	61	34	34	28	57	56	60	85	66	68	3051
412	Bookbinding: Process and Apparatus	108	9	6	10	8	6	11	12	9	3	3	7	4	0	4	2	7	3	2	2	7	1	224
413	Sheet Metal Container Making	48	0	5	1	3	4	7	2	0	2	2	0	3	4	1	1	0	1	3	2	2	2	93
414	Material or Article Handling	4082	225	217	195	208	223	256	164	194	178	168	109	104	112	91	101	121	124	121	118	144	118	7373
415	Rotary Kinetic Fluid Motors or Pumps	982	51	51	29	32	30	50	59	64	66	61	52	53	55	39	30	54	64	84	66	68	59	2099
416	Fluid Reaction Surfaces (i.e., Impellers)	1220	68	57	41	48	62	85	70	75	66	65	69	74	55	59	33	54	78	91	89	74	60	2593
417	Pumps	2451	118	118	107	119	125	155	155	153	127	102	51	78	49	48	52	61	83	104	76	72	72	4476
418	Rotary Expandable Chamber Devices	708	40	31	32	35	25	47	46	37	37	37	29	26	19	22	23	31	20	28	31	26	30	1360
419	Powder Metallurgy Processes	161	7	12	10	7	11	12	6	9	14	10	3	3	5	6	7	6	11	6	7	6	3	322
420	Alloys or Metallic Compositions	272	16	8	11	11	13	9	11	25	21	17	8	2	3	4	4	6	4	8	7	6	6	472
422	Chemical Apparatus and Process Disinfecting, Deodorizing, Preserving, or Sterilizing	2489	210	178	179	213	213	197	221	190	198	140	118	113	114	127	118	173	173	199	183	177	138	6061
423	Chemistry of Inorganic Compounds	1272	61	69	44	66	66	56	73	67	63	43	31	32	44	32	35	70	53	79	71	62	43	2432
424	Drug, Bio-Affecting and Body Treating Compositions	2368	216	254	338	402	458	392	495	477	449	284	208	254	215	197	201	291	285	344	375	429	391	9323
425	Plastic Article or Earthenware Shaping or Treating: Apparatus	2899	151	142	132	157	133	129	117	115	93	97	59	90	84	58	59	68	63	65	69	68	69	4917
426	Food or Edible Material: Processes, Compositions, and Products	2421	149	163	178	185	239	240	228	179	152	146	80	94	69	45	41	73	81	111	104	105	128	5211
427	Coating Processes	2315	134	123	132	166	161	165	153	134	143	124	63	59	72	56	51	84	85	85	80	91	122	4598
428	Stock Material or Miscellaneous Articles	5944	353	351	344	398	409	383	381	304	353	274	192	171	167	100	116	166	201	216	218	202	172	11415
429	Chemistry: Electrical Current Producing Apparatus, Product, and Process	525	42	94	43	44	43	48	40	40	51	26	30	24	22	19	40	42	39	42	54	48	40	1396
430	Radiation Imagery Chemistry: Process, Composition, or Product Thereof	555	34	33	22	43	40	44	37	51	39	39	33	38	24	21	25	32	20	23	16	22	11	1202
431	Combustion	1049	59	62	44	75	83	88	92	57	83	65	57	40	38	24	39	39	15	19	32	23	35	2118
432	Heating	734	18	15	21	24	27	32	27	24	25	16	6	13	7	7	5	8	6	13	11	11	6	1056
433	Dentistry	2512	131	171	150	245	231	179	221	163	151	106	108	162	103	85	46	99	89	137	152	124	96	5461

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
434	Education and Demonstration	2520	163	189	180	228	223	228	164	178	181	148	136	125	125	84	87	110	134	141	203	174	79	5800
435	Chemistry: Molecular Biology and Microbiology	1715	171	189	248	367	387	321	389	299	319	246	188	233	212	199	227	286	237	261	254	259	276	7283
436	Chemistry: Analytical and Immunological Testing	1041	87	114	116	143	121	105	113	79	113	84	47	60	72	86	70	84	82	85	71	68	45	2886
438	Semiconductor Device Manufacturing: Process	353	49	31	25	53	61	78	103	91	116	118	82	77	66	90	73	118	102	93	113	123	113	2128
439	Electrical Connectors	2271	177	188	189	246	194	274	247	234	198	244	208	249	218	184	163	182	171	156	138	121	137	6389
440	Marine Propulsion	932	62	66	71	76	70	80	63	57	62	61	60	76	49	44	37	43	43	42	56	50	51	2151
441	Buoys, Rafts, and Aquatic Devices	1061	84	76	83	91	74	86	85	79	78	66	71	85	72	53	45	49	46	47	61	83	68	2543
442	Fabric (Woven, Knitted, or Nonwoven Textile or Cloth, Etc.)	437	42	28	27	49	57	46	40	19	20	27	18	16	23	18	21	15	20	13	16	10	9	971
445	Electric Lamp or Space Discharge Component or Device Manufacturing	64	5	3	6	5	11	7	5	5	6	4	4	10	2	4	3	5	5	7	3	4	3	171
446	Amusement Devices: Toys	3195	206	225	178	260	242	291	257	266	250	225	157	128	111	102	88	123	127	86	117	117	97	6848
449	Bee Culture	107	4	1	5	2	1	2	1	4	5	6	1	4	0	3	4	3	4	1	4	5	1	168
450	Foundation Garments	217	17	18	21	28	54	68	45	39	16	21	19	27	25	27	18	26	25	44	39	49	23	866
451	Abrading	1882	103	109	113	107	124	127	154	123	111	120	100	125	73	51	51	43	54	65	80	73	69	3857
452	Butchering	696	34	36	22	23	24	35	42	13	23	22	20	35	28	33	27	17	21	16	21	24	24	1236
453	Coin Handling	110	7	5	4	2	2	5	1	4	4	8	0	3	0	0	2	5	2	3	3	0	1	171
454	Ventilation	1285	52	75	59	87	70	77	98	93	79	74	68	49	35	22	38	38	37	48	62	30	37	2513
455	Telecommunications	876	74	101	78	106	117	120	96	121	114	142	121	210	207	170	236	303	253	345	406	419	350	4965
460	Crop Threshing or Separating	126	10	17	2	11	12	13	11	10	4	5	5	5	4	1	2	6	4	3	5	7	6	269
462	Books, Strips, and Leaves for Manifolding	141	12	6	5	6	10	9	9	9	0	6	3	0	1	1	0	0	1	0	1	3	0	223
463	Amusement Devices: Games	474	31	45	50	94	86	106	105	100	99	85	89	68	90	71	55	96	114	198	223	218	141	2638
464	Rotary Shafts, Gudgeons, Housings, and Flexible Couplings for Rotary Shafts	436	19	17	26	20	23	23	35	15	22	14	11	15	6	5	8	5	14	13	14	12	12	765
470	Threaded, Headed Fastener, or Washer Making: Process and Apparatus	200	8	7	6	8	7	5	5	5	5	1	4	5	1	2	2	3	7	1	1	2	4	289
472	Amusement Devices	627	46	47	48	75	59	48	42	44	42	38	39	35	27	22	23	45	55	33	39	55	34	1523
473	Games Using Tangible Projectile	4638	483	450	431	541	447	376	370	363	362	336	299	328	293	213	213	300	296	299	280	296	283	11897
474	Endless Belt Power Transmission Systems or Components	631	44	36	35	25	27	38	15	29	20	12	15	17	7	12	12	16	13	13	21	12	19	1069
475	Planetary Gear Transmission Systems or Components	524	28	39	26	30	40	47	25	31	28	23	31	26	27	27	20	27	18	28	44	51	30	1170
476	Friction Gear Transmission Systems or Components	81	6	10	5	3	6	7	2	3	2	3	5	3	3	2	4	4	1	5	1	1	2	159
477	Interrelated Power Delivery Controls, Including Engine Control	162	11	14	9	10	12	7	3	7	8	5	9	11	4	9	10	13	10	8	12	8	2	344

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
482	Exercise Devices	3381	265	316	331	396	364	355	307	292	309	299	217	344	260	244	262	382	380	211	210	281	288	9694
483	Tool Changing	53	3	1	3	5	9	9	1	8	2	1	2	5	3	4	4	3	0	1	0	1	0	118
492	Roll or Roller	174	16	15	11	15	12	18	9	9	6	12	11	7	4	5	5	7	6	5	2	6	1	356
493	Manufacturing Container or Tube From Paper, or Other Manufacturing From a Sheet or Web	743	33	33	30	53	43	37	27	28	33	28	32	20	16	17	20	14	14	14	19	19	32	1305
494	Imperforate Bowl: Centrifugal Separators	198	8	9	10	15	16	10	12	12	6	4	3	3	6	1	5	1	6	6	8	5	1	345
501	Compositions: Ceramic	340	25	26	22	22	23	17	31	20	22	13	13	8	8	7	8	7	12	15	10	6	6	661
502	Catalyst, Solid Sorbent, or Support Therefor: Product or Process of Making	404	20	17	21	27	32	32	30	21	16	11	14	11	17	12	10	22	20	24	20	22	10	813
503	Record Receiver Having Plural Interactive Leaves or a Colorless Color Former, Method of Use, or Developer Therefor	47	1	4	3	7	4	1	3	3	2	4	1	4	4	5	3	5	2	1	4	2	0	110
504	Plant Protecting and Regulating Compositions	149	5	9	14	15	38	16	23	20	15	9	8	6	6	3	7	4	12	17	10	9	14	409
505	Superconductor Technology: Apparatus, Material, Process	149	13	10	12	8	14	17	9	6	11	6	6	3	3	4	6	4	5	4	6	3	5	304
506	Combinatorial Chemistry Technology: Method, Library, Apparatus	2	2	7	4	6	10	10	5	8	12	5	7	4	3	2	6	4	6	6	2	13	21	145
507	Earth Boring, Well Treating, and Oil Field Chemistry	105	3	3	5	13	5	9	6	8	6	14	11	4	3	3	10	12	5	5	4	6	8	248
508	Solid Anti-Friction Devices, Materials Therefor, Lubricant or Separant Compositions for Moving Solid Surfaces, and Miscellaneous Mineral Oil Compositions	120	11	10	10	16	16	12	12	7	10	6	3	8	5	2	5	11	8	9	9	7	7	304
510	Cleaning Compositions for Solid Surfaces, Auxiliary Compositions Therefor, or Processes of Preparing the Compositions	355	31	34	32	49	66	43	43	46	38	39	23	28	20	18	24	13	32	32	21	24	13	1024
512	Perfume Compositions	27	4	3	2	4	3	7	5	1	3	2	0	0	2	2	1	2	0	0	2	3	2	75
514	Drug, Bio-Affecting and Body Treating Compositions	2756	235	319	354	408	450	366	443	405	349	239	201	203	170	134	146	245	234	251	300	321	317	8846
516	Colloid Systems and Wetting Agents; Subcombinations Thereof; Processes Of	155	11	11	11	13	10	11	11	10	11	11	3	3	5	6	11	7	4	3	6	4	2	319
518	Chemistry: Fischer-Tropsch Processes; or Purification or Recovery of Products Thereof	28	2	3	0	2	1	2	5	1	1	2	1	2	5	1	2	0	4	5	7	1	5	80
520	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3
521	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	483	22	16	21	32	28	17	23	18	23	7	15	4	7	3	6	5	17	8	9	14	13	791
522		93	12	10	5	6	9	7	8	6	12	8	3	5	5	4	0	3	3	2	3	6	1	211

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series																							
523	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	475	39	26	32	45	38	17	38	33	34	14	21	16	15	7	7	21	16	20	37	25	16	992
524	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	925	54	57	55	81	56	54	60	59	60	34	39	37	33	22	30	40	30	31	38	38	48	1881
525	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	642	35	29	29	45	35	33	29	35	34	21	16	23	31	11	11	16	13	16	19	28	14	1165
526	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	302	9	12	12	17	22	14	20	11	32	13	15	12	10	6	6	11	8	5	11	11	4	563
527	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	79	5	2	2	3	0	3	2	2	1	2	0	2	1	1	0	0	2	2	2	2	2	115
528	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	565	35	22	24	29	33	19	29	32	14	19	14	20	20	15	14	16	24	20	21	22	14	1021
530	Chemistry: Natural Resins or Derivatives; Peptides or Proteins; Lignins or Reaction Products Thereof	682	61	65	109	162	138	94	133	98	115	100	72	74	98	79	64	91	76	67	72	72	74	2596
532	Organic Compounds -- Part of the Class 532-570 Series	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2
534	Organic Compounds -- Part of the Class 532-570 Series	74	3	2	5	8	2	4	2	2	2	0	0	0	1	1	0	3	1	1	2	1	5	119
536	Organic Compounds -- Part of the Class 532-570 Series	431	48	81	88	145	173	121	136	105	115	82	71	95	70	57	70	72	82	69	55	70	70	2306
540	Organic Compounds -- Part of the Class 532-570 Series	141	8	6	20	10	11	6	8	12	7	7	4	11	3	4	3	2	8	5	5	5	10	296
544	Organic Compounds -- Part of the Class 532-570 Series	277	18	23	20	19	24	26	20	21	20	21	14	16	12	11	8	24	26	20	31	33	30	714
546	Organic Compounds -- Part of the Class 532-570 Series	276	20	30	25	23	20	32	26	20	33	23	14	26	13	18	21	33	24	25	27	38	35	802
548	Organic Compounds -- Part of the Class 532-570 Series	291	16	30	20	17	20	16	16	25	24	20	12	17	17	8	13	21	30	15	23	25	34	710
549	Organic Compounds -- Part of the Class 532-570 Series	221	11	15	18	27	25	23	25	20	19	12	10	13	18	7	8	10	10	10	17	21	24	564
552	Organic Compounds -- Part of the Class 532-570 Series	82	5	2	3	2	7	2	4	3	5	3	1	2	3	1	0	1	2	7	3	3	4	145
554	Organic Compounds -- Part of the Class 532-570 Series	131	9	10	11	8	8	11	11	17	13	13	5	5	6	6	5	3	9	6	11	12	14	324
556	Organic Compounds -- Part of the Class 532-570 Series	171	11	12	14	7	14	5	14	8	9	6	4	1	10	5	4	5	8	10	7	7	8	340
558	Organic Compounds -- Part of the Class 532-570 Series	151	12	11	6	10	15	6	6	9	3	4	3	8	5	4	4	3	5	5	5	4	12	291
560	Organic Compounds -- Part of the Class 532-570 Series	261	13	21	13	13	16	10	15	21	19	8	3	3	5	4	8	4	5	8	7	11	14	482
562	Organic Compounds -- Part of the Class 532-570 Series	258	17	13	17	15	17	11	22	16	15	8	9	11	12	6	3	14	13	7	11	6	25	526
564		193	19	19	17	11	10	11	19	19	14	6	6	12	6	3	6	8	8	10	13	7	14	431

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
	Organic Compounds -- Part of the Class 532-570 Series																							
568	Organic Compounds -- Part of the Class 532-570 Series	322	31	15	18	34	35	18	13	14	15	17	8	8	9	6	11	14	14	7	11	15	27	662
570	Organic Compounds -- Part of the Class 532-570 Series	57	3	3	5	2	4	3	7	2	0	1	2	0	3	0	0	2	3	2	0	1	3	103
585	Chemistry of Hydrocarbon Compounds	245	31	16	15	26	27	24	19	9	19	10	8	14	2	12	9	9	20	12	13	13	16	569
588	Hazardous or Toxic Waste Destruction or Containment	215	37	37	43	31	39	28	18	27	10	11	7	10	11	9	7	10	15	15	15	13	10	618
600	Surgery	3860	375	314	256	501	411	433	373	423	354	266	210	254	197	198	194	262	285	336	398	390	319	10609
601	Surgery: Kinesitherapy	1203	112	110	91	127	101	101	112	84	96	83	62	101	92	72	48	60	64	93	89	59	58	3018
602	Surgery: Splint, Brace, or Bandage	1267	118	90	115	174	156	159	113	122	131	107	92	100	46	50	57	99	106	93	99	122	65	3481
604	Surgery	5291	480	442	426	522	414	405	342	337	412	273	189	185	157	148	143	261	225	314	312	297	261	11836
606	Surgery	3526	427	462	547	607	578	519	435	385	443	292	229	228	200	134	154	241	269	387	430	405	338	11236
607	Surgery: Light, Thermal, and Electrical Application	1129	107	97	80	124	137	155	138	115	135	101	81	76	84	48	50	59	81	115	132	126	120	3290
623	Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor	1553	106	160	133	168	154	174	188	200	181	159	121	129	88	67	82	126	140	160	170	211	154	4624
700	Data Processing: Generic Control Systems or Specific Applications	643	59	83	62	110	101	74	84	94	130	120	103	129	90	107	86	110	152	164	180	152	128	2961
701	Data Processing: Vehicles, Navigation, and Relative Location	307	39	43	37	74	72	70	110	111	96	82	106	115	95	98	83	117	144	139	178	189	187	2492
702	Data Processing: Measuring, Calibrating, or Testing	642	38	64	65	79	78	62	75	103	121	124	101	120	119	110	101	123	114	137	141	118	83	2718
703	Data Processing: Structural Design, Modeling, Simulation, and Emulation	56	7	11	23	18	26	17	20	26	26	20	31	56	38	50	47	48	41	42	77	57	25	762
704	Data Processing: Speech Signal Processing, Linguistics, Language Translation, and Audio Compression/Decompression	214	27	24	33	50	47	29	46	42	37	38	21	54	46	47	37	88	68	89	89	82	62	1270
705	Data Processing: Financial, Business Practice, Management, or Cost/Price Determination	338	23	46	75	108	187	154	119	130	131	133	181	268	219	265	311	529	515	596	701	536	247	5812
706	Data Processing: Artificial Intelligence	86	23	29	22	53	31	31	32	38	44	29	22	35	25	25	44	89	77	62	80	69	63	1009
707	Data Processing: Database and File Management or Data Structures	98	32	24	47	92	115	93	99	105	133	136	112	171	173	142	132	213	181	226	246	267	221	3058
708	Electrical Computers: Arithmetic Processing and Calculating	404	20	32	33	34	43	29	20	32	21	19	16	21	15	14	18	22	22	19	33	13	11	891
709	Electrical Computers and Digital Processing Systems: Multicomputer Data Transferring	35	7	23	26	60	59	77	80	89	93	107	91	150	144	112	178	316	233	253	246	314	247	2940
710	Electrical Computers and Digital Data Processing Systems: Input/Output	91	19	21	29	40	26	33	29	20	31	25	21	32	35	21	46	49	48	35	31	23	22	727

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
711	Electrical Computers and Digital Processing Systems: Memory	112	21	20	33	35	28	21	24	17	25	28	21	41	29	39	52	71	57	58	43	48	35	858
712	Electrical Computers and Digital Processing Systems: Processing Architectures and Instruction Processing (e.g., Processors)	94	10	16	20	30	13	13	19	12	11	9	14	20	12	15	18	33	32	19	18	5	11	444
713	Electrical Computers and Digital Processing Systems: Support	167	21	39	43	53	37	46	41	36	34	37	45	87	67	70	94	167	108	132	156	170	101	1751
714	Error Detection/Correction and Fault Detection/Recovery	211	31	40	40	53	35	38	39	35	42	39	39	42	63	40	81	82	40	35	28	30	31	1114
715	Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing	154	25	28	50	86	82	62	81	58	73	74	62	107	93	60	88	156	128	130	175	174	138	2084
716	Computer-Aided Design and Analysis of Circuits and Semiconductor Masks	14	3	3	7	7	4	4	14	27	28	23	16	32	42	35	37	54	15	21	26	20	7	439
717	Data Processing: Software Development, Installation, and Management	16	7	8	8	13	19	14	15	17	12	13	17	21	25	22	33	58	45	45	52	52	54	566
718	Electrical Computers and Digital Processing Systems: Virtual Machine Task or Process Management or Task Management/Control	10	5	3	3	9	9	7	3	10	7	9	9	6	9	6	13	16	18	12	16	18	18	216
719	Electrical Computers and Digital Processing Systems: Interprogram Communication or Interprocess Communication (Ipc)	2	5	3	4	8	3	7	7	14	13	9	8	12	2	9	11	21	9	14	11	12	5	189
720	Dynamic Optical Information Storage or Retrieval	30	6	4	1	7	6	7	3	7	8	7	8	6	1	7	9	8	9	5	2	1	0	142
725	Interactive Video Distribution Systems	162	16	32	19	32	39	31	26	17	20	20	13	28	23	19	37	75	76	78	91	104	72	1030
726	Information Security	29	2	4	11	20	21	29	25	22	21	25	26	53	36	41	64	104	88	106	158	184	167	1236
800	Multicellular Living Organisms and Unmodified Parts Thereof and Related Processes	20	5	4	8	30	25	22	19	20	18	20	17	17	18	21	16	23	15	15	23	19	12	387
850	Scanning-Probe Techniques or Apparatus; Applications of Scanning-Probe Techniques, e.g., Scanning Probe Microscopy [Spm]	42	7	10	6	8	6	3	5	5	11	9	7	0	0	0	1	2	3	4	4	9	4	146
901	Robots	330	19	19	16	20	19	16	16	20	16	12	10	8	6	7	5	7	8	15	8	16	16	609
902	Electronic Funds Transfer	150	6	2	12	9	4	11	2	4	5	3	3	6	5	4	3	1	1	3	2	3	0	239
903	Hybrid Electric Vehicles (Hevs)	44	2	7	6	6	3	5	2	6	8	4	5	0	4	6	7	1	5	2	4	5	7	139
930	Peptide or Protein Sequence	147	0	0	2	4	4	4	6	2	1	2	1	0	1	0	1	1	0	2	3	2	0	183
968	Horology	693	0	0	0	2	0	1	1	0	0	1	0	0	0	1	1	0	0	0	0	0	1	701
976	Nuclear Technology	438	4	4	3	3	0	2	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	457
977	Nanotechnology	22	7	11	15	14	27	18	25	23	42	27	8	11	14	22	13	25	27	32	35	30	43	491
984	Musical Instruments	1406	0	0	0	0	0	1	2	1	3	0	0	1	2	1	0	0	0	0	1	1	2	1421

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
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	121	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	123
D01	Edible Products	162	10	19	24	27	27	30	32	21	7	27	13	19	15	22	21	21	25	20	26	15	3	586
D02	Apparel and Haberdashery	1741	188	205	195	300	253	210	154	209	179	160	128	181	221	280	305	367	309	344	326	253	354	6862
D03	Travel Goods and Personal Belongings	2757	277	268	250	338	348	314	277	254	249	207	184	285	249	262	246	297	254	273	316	326	337	8568
D04	Brushware	577	73	88	71	94	74	95	85	112	59	43	35	58	39	69	38	57	34	42	48	37	37	1865
D05	Textile or Paper Yard Goods; Sheet Material	116	6	6	11	15	10	17	19	7	17	9	9	14	12	18	11	12	18	32	16	9	7	391
D06	Furnishings	7162	686	639	569	716	662	734	645	682	573	459	351	472	629	527	511	508	455	581	477	472	478	18988
D07	Equipment for Preparing or Serving Food or Drink Not Elsewhere Specified	3864	313	398	263	344	286	362	332	260	311	291	206	380	344	370	345	387	322	397	465	403	388	11031
D08	Tools and Hardware	4918	495	448	384	551	471	547	405	341	460	398	290	446	491	514	443	414	348	401	346	400	439	13950
D09	Packages and Containers for Goods	1903	195	215	207	207	178	207	212	160	194	139	123	182	190	204	229	224	177	199	230	243	252	6070
D10	Measuring, Testing, or Signalling Instruments	2617	280	200	200	289	260	229	203	198	156	166	141	170	193	221	171	142	126	114	102	126	124	6428
D11	Jewelry, Symbolic Insignia, and Ornaments	2642	234	199	207	239	219	252	255	250	197	186	175	226	236	273	233	216	204	235	214	246	230	7368
D12	Transportation	3764	351	361	289	374	285	357	283	240	269	306	254	303	336	343	334	307	225	253	292	248	293	10067
D13	Equipment for Production, Distribution, or Transformation of Energy	723	85	78	74	85	119	110	99	106	105	64	40	86	87	121	112	68	91	105	126	143	148	2775
D14	Recording, Communication, or Information Retrieval Equipment	1516	183	179	185	214	184	238	181	183	197	172	104	172	181	178	174	192	180	196	274	329	336	5748
D15	Machines Not Elsewhere Specified	1453	152	141	89	107	82	76	64	58	81	82	58	108	133	97	100	109	83	107	147	143	104	3574
D16	Photography and Optical Equipment	608	49	80	63	82	74	102	51	60	88	50	46	51	90	74	82	70	77	69	70	84	86	2106
D17	Musical Instruments	501	35	36	26	40	46	26	42	23	40	21	19	39	25	51	29	39	36	29	44	32	38	1217
D18	Printing and Office Machinery	507	28	29	17	30	26	34	19	27	25	16	12	44	30	29	45	13	21	3	16	6	9	986
D19	Office Supplies; Artists' and Teachers' Materials	1694	181	126	156	209	162	158	158	121	138	132	106	98	108	154	100	71	112	85	81	113	85	4348
D20	Sales and Advertising Equipment	682	90	73	95	114	90	82	59	29	78	62	44	53	58	44	52	64	67	99	91	60	43	2129
D21	Games, Toys, and Sports Goods	5664	551	497	465	681	512	545	489	390	343	320	304	415	355	403	310	342	368	327	368	355	390	14394
D22	Arms, Pyrotechnics, Hunting and Fishing Equipment	1488	128	140	95	97	116	102	97	108	98	80	74	113	120	97	116	128	138	139	171	166	164	3975
D23	Environmental Heating and Cooling; Fluid Handling and Sanitary Equipment	2365	232	175	184	239	232	280	209	206	210	201	203	259	239	283	183	248	200	164	228	202	215	6957
D24	Medical and Laboratory Equipment	2714	232	231	200	246	220	226	252	199	187	128	95	163	224	226	212	333	256	204	272	266	317	7403
D25	Building Units and Construction Elements	1875	141	123	128	144	142	145	125	156	148	129	113	87	135	129	123	166	95	130	111	117	141	4603

Class	Class Title	PRE_1995	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
D26	Lighting	1316	159	200	179	234	183	275	328	273	257	221	147	231	293	301	246	214	227	175	208	183	188	6038
D27	Tobacco and Smokers' Supplies	317	21	20	26	49	55	38	40	42	37	38	35	59	60	42	26	35	19	21	40	13	65	1098
D28	Cosmetic Products and Toilet Articles	1169	103	112	127	114	104	178	155	103	115	112	64	82	71	73	90	101	114	107	76	109	90	3369
D29	Equipment for Safety, Protection, and Rescue	591	80	73	60	52	53	67	36	58	41	44	26	42	77	72	65	47	66	90	66	62	92	1860
D30	Animal Husbandry	1293	145	137	117	89	82	131	73	74	83	75	74	93	100	115	96	127	117	139	124	127	103	3514
D32	Washing, Cleaning, or Drying Machine	883	122	100	105	121	92	90	69	67	83	54	42	61	102	94	70	81	75	83	102	59	83	2638
D34	Material or Article Handling Equipment	1712	169	97	80	117	86	96	76	73	87	65	41	123	126	70	86	72	93	84	67	67	70	3557
D99	Miscellaneous	398	53	34	43	48	37	45	61	33	67	48	32	44	31	21	18	52	28	32	32	32	23	1212
G9B	Information Storage Based On Relative Movement Between Record Carrier and Transducer	1715	135	146	158	192	140	137	143	135	133	108	83	71	52	52	0	1	0	2	0	0	0	3403
PLT	Plants	1504	78	83	91	124	97	92	125	261	232	155	105	198	163	268	270	231	187	213	168	211	238	5094
ALL	ALL CLASSES (in this total, a patent is counted once for each class in which it has been classified)	534576	36140	37297	35245	44334	43605	43283	40932	38386	37212	32977	27395	31638	28136	26042	25408	31943	29635	32172	34427	34614	31030	1256427

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