

Patent Counts By Class By Year - Independent Inventors JANUARY 1977 -- DECEMBER 2012

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, 2012 . Please refer to the U.S. Patent and Trademark Office *Manual of Patent Classification* for further information regarding the patent classification system.

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

Report Printing and the Use of Spreadsheet Software

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

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 - 2012
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 - 12/31/2012

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
001	** Classification Undetermined **	7	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	0	0	11
002	Apparel	1952	220	161	176	152	266	296	348	427	372	375	308	205	220	178	206	129	123	81	179	179	184	6737
004	Baths, Closets, Sinks, and Spittoons	1746	148	174	190	152	136	152	212	264	218	201	236	198	177	133	123	111	84	54	108	141	158	5116
005	Beds	1681	214	165	157	152	208	175	181	190	206	177	166	189	188	186	169	120	138	139	162	144	155	5262
007	Compound Tools	212	15	28	21	12	24	17	23	23	26	34	24	14	21	21	21	23	2	8	10	14	8	601
008	Bleaching and Dyeing; Fluid Treatment and Chemical Modification of Textiles and Fibers	195	11	14	18	14	17	14	22	18	17	16	15	14	6	8	7	7	9	7	9	10	11	459
012	Boot and Shoe Making	89	2	5	5	3	2	3	5	13	1	6	2	6	6	1	2	2	4	1	3	5	3	169
014	Bridges	125	4	8	12	16	15	10	10	17	6	7	15	11	17	8	11	16	11	10	10	12	17	368
015	Brushing, Scrubbing, and General Cleaning	2048	134	144	193	199	236	181	237	238	251	186	175	175	137	111	106	123	126	104	152	122	148	5526
016	Miscellaneous Hardware (e.g., Bushing, Carpet Fastener, Caster, Door Closer, Panel Hanger, Attachable or Adjunct Handle, Hinge, Window Sash Balance, Etc.)	551	37	40	63	55	69	66	92	76	70	64	97	78	67	57	50	38	21	36	55	55	41	1778
019	Textiles: Fiber Preparation	146	6	5	13	10	6	8	5	10	10	8	14	4	1	0	3	1	3	3	2	3	3	264
023	Chemistry: Physical Processes	15	2	0	3	1	0	0	1	1	3	0	1	1	0	0	0	1	0	1	1	1	1	33
024	Buckles, Buttons, Clasps, Etc.	1135	103	79	81	98	95	131	121	116	121	130	126	141	79	46	79	61	55	54	64	65	86	3066
026	Textiles: Cloth Finishing	46	2	1	1	1	4	5	1	4	2	2	0	0	1	0	2	2	1	1	4	0	5	85
027	Undertaking	81	6	7	7	5	5	12	11	9	5	9	6	15	6	2	9	18	15	12	15	21	17	293
028	Textiles: Manufacturing	67	6	2	9	6	5	4	4	7	4	3	4	1	7	2	4	1	3	3	1	1	2	146
029	Metal Working	2067	145	168	127	133	131	144	137	120	152	158	142	157	136	125	140	115	81	82	109	129	151	4849
030	Cutlery	1644	118	104	109	98	124	97	136	137	129	116	146	124	127	93	87	74	49	51	68	72	60	3763
033	Geometrical Instruments	2071	171	113	117	167	121	96	132	112	143	148	134	150	163	169	120	141	113	133	145	135	102	4896
034	Drying and Gas or Vapor Contact with Solids	691	47	50	52	49	43	56	59	75	78	51	49	41	40	39	38	21	36	11	18	26	34	1604
036	Boots, Shoes, and Leggings	963	47	69	73	64	65	86	126	106	96	83	76	76	81	66	67	69	55	57	87	59	69	2540
037	Excavating	505	43	38	23	31	47	29	36	43	49	40	49	33	34	30	22	17	12	35	48	29	33	1226
038	Textiles: Ironing or Smoothing	147	9	8	12	9	13	7	11	14	10	11	9	7	11	8	7	14	7	4	13	2	9	342
040	Card, Picture, or Sign Exhibiting	1457	78	95	113	100	92	98	124	135	154	140	148	180	131	101	96	101	106	93	88	115	92	3837

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
042	Firearms	896	63	61	70	82	63	84	88	77	49	77	104	108	88	65	66	65	60	61	79	99	126	2531
043	Fishing, Trapping, and Vermin Destroying	2540	215	220	219	163	223	135	139	263	214	141	183	205	171	135	130	98	101	107	133	97	108	5940
044	Fuel and Related Compositions	231	9	13	13	14	12	9	4	15	22	10	10	14	14	10	6	5	9	17	17	8	12	474
047	Plant Husbandry	1008	79	82	108	106	100	62	88	103	124	98	103	94	52	60	62	41	34	48	90	56	83	2681
048	Gas: Heating and Illuminating	123	4	0	4	6	0	2	7	3	4	3	0	2	6	1	8	5	3	7	8	13	13	222
049	Movable or Removable Closures	685	48	33	51	60	61	41	55	47	50	57	42	35	53	27	30	22	16	21	24	12	37	1507
051	Abrasive Tool Making Process, Material, or Composition	107	14	18	7	8	5	14	4	4	6	4	5	4	3	2	2	3	2	0	1	3	6	222
052	Static Structures (e.g., Buildings)	4405	261	309	348	301	384	431	495	465	459	529	433	401	359	295	234	180	170	235	374	315	390	11773
053	Package Making	819	52	46	45	65	60	51	71	57	54	47	33	37	53	53	30	26	41	41	35	34	30	1780
054	Harness for Working Animal	164	18	14	15	12	13	9	20	8	20	17	24	28	18	10	20	19	20	13	5	8	14	489
055	Gas Separation	331	31	28	9	15	25	17	35	36	28	33	24	30	29	16	21	18	25	27	24	28	20	850
056	Harvesters	952	78	78	71	88	75	39	65	80	71	48	64	43	48	57	42	22	19	26	35	26	29	2056
057	Textiles: Spinning, Twisting, and Twining	375	27	39	32	14	8	16	34	17	10	15	10	5	6	0	5	2	5	1	1	6	2	630
059	Chain, Staple, and Horseshoe Making	82	2	4	9	7	6	10	4	9	6	4	5	11	9	11	6	6	5	5	2	1	1	205
060	Power Plants	1519	77	88	61	56	61	69	82	86	91	100	92	84	91	82	116	63	48	51	68	75	66	3126
062	Refrigeration	1614	105	142	141	110	127	122	150	144	156	192	201	170	116	89	105	106	74	54	81	67	64	4130
063	Jewelry	239	35	25	14	30	25	32	21	24	25	19	30	30	24	18	19	24	25	14	15	10	20	718
065	Glass Manufacturing	206	13	9	13	4	6	5	11	22	8	7	18	12	8	10	9	5	4	3	2	5	4	384
066	Textiles: Knitting	202	4	12	4	3	12	15	10	12	18	20	14	6	11	10	10	7	3	10	13	10	3	409
068	Textiles: Fluid Treating Apparatus	141	10	9	9	12	11	7	15	15	10	8	15	14	2	2	2	2	11	5	4	3	5	312
069	Leather Manufactures	45	0	0	1	0	2	1	0	0	1	1	1	1	2	1	0	1	1	1	2	0	0	61
070	Locks	1327	102	104	105	122	103	128	174	170	104	92	121	129	96	88	79	58	71	60	46	48	48	3375
071	Chemistry: Fertilizers	146	18	6	10	16	14	19	17	11	11	12	19	8	8	1	4	0	4	4	8	8	11	355
072	Metal Deforming	1179	42	60	53	40	57	63	84	83	69	52	46	42	37	42	71	54	38	34	34	22	44	2246
073	Measuring and Testing	2854	168	159	173	203	217	189	209	196	166	167	205	219	179	161	162	160	181	136	126	117	124	6471
074	Machine Element or Mechanism	1111	116	92	91	85	109	90	102	112	101	86	58	73	53	32	41	46	28	40	32	38	48	2584
075	Specialized Metallurgical Processes, Compositions for Use Therein, Consolidated Metal Powder Compositions, and Loose Metal Particulate Mixtures	311	12	13	21	25	12	14	17	14	14	27	25	17	8	8	7	8	4	9	10	8	9	593
076	Metal Tools and Implements, Making	182	13	5	10	16	10	10	7	3	15	5	3	7	1	3	3	2	3	1	0	1	3	303
079	Button Making	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
081	Tools	1452	109	115	129	91	116	79	118	182	215	251	187	139	157	177	236	184	129	59	94	84	99	4402
082	Turning	284	16	12	14	7	9	19	19	19	15	22	13	30	12	12	9	3	3	2	11	12	8	551
083	Cutting	1202	84	76	58	51	58	47	72	93	73	66	45	57	99	52	57	47	30	39	38	40	39	2423
084	Music	1567	91	87	104	124	128	95	130	158	173	152	121	131	123	96	132	149	161	185	214	162	172	4455

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
086	Ammunition and Explosive-Charge Making	100	5	10	3	5	2	4	5	1	6	2	6	3	1	4	6	1	2	9	9	1	1	186
087	Textiles: Braiding, Netting, and Lace Making	33	2	5	0	0	1	2	1	5	2	0	5	5	5	1	2	3	2	0	2	1	1	78
089	Ordnance	312	24	27	24	32	17	20	27	28	21	29	31	31	35	19	20	24	25	21	34	47	54	902
091	Motors: Expansible Chamber Type	337	17	19	18	4	9	9	10	6	9	5	8	6	8	4	5	5	1	3	3	2	2	490
092	Expansible Chamber Devices	270	16	12	25	22	16	7	18	12	10	13	15	17	9	8	6	14	12	6	5	7	6	526
095	Gas Separation: Processes	276	27	19	13	14	16	21	23	28	14	28	27	22	17	22	16	11	16	9	27	29	34	709
096	Gas Separation: Apparatus	411	27	29	19	21	27	19	21	27	22	25	25	17	23	23	24	15	12	19	25	15	23	869
099	Foods and Beverages: Apparatus	1046	88	92	93	126	102	130	148	133	149	150	110	96	89	60	64	27	48	33	65	48	67	2964
100	Presses	480	45	41	37	29	28	34	37	25	21	22	11	27	16	14	25	15	22	14	8	13	10	974
101	Printing	605	49	49	51	69	39	49	67	50	56	53	36	49	52	27	42	17	10	19	15	17	13	1434
102	Ammunition and Explosives	323	36	31	28	32	18	15	19	21	11	34	28	27	28	24	21	24	21	20	24	34	34	853
104	Railways	302	20	14	16	24	20	25	22	18	14	20	29	23	21	22	8	5	14	24	18	20	19	698
105	Railway Rolling Stock	127	13	13	6	8	13	11	12	3	12	14	12	6	6	11	7	5	4	7	9	10	7	316
106	Compositions: Coating or Plastic	403	31	34	59	35	44	33	39	44	32	39	32	39	38	24	20	25	17	18	29	30	36	1101
108	Horizontally Supported Planar Surfaces	579	51	28	62	62	83	77	77	83	103	68	63	66	72	43	43	14	28	36	35	48	66	1787
109	Safes, Bank Protection, or a Related Device	154	2	10	5	3	5	11	9	9	8	3	7	5	2	4	2	3	1	1	3	1	5	253
110	Furnaces	429	35	29	44	29	23	19	30	15	17	21	19	12	15	16	18	5	10	6	8	5	12	817
111	Planting	270	16	12	18	23	28	22	10	22	21	29	19	24	13	12	18	7	14	21	20	12	9	640
112	Sewing	375	28	19	20	16	20	18	32	40	29	35	26	11	16	19	20	9	13	12	11	10	14	793
114	Ships	1880	148	139	144	138	147	139	141	154	175	147	133	137	108	162	155	130	102	96	91	98	102	4666
116	Signals and Indicators	514	34	34	49	38	35	28	23	32	41	37	42	32	44	33	28	27	27	24	33	17	22	1194
117	Single-Crystal, Oriented-Crystal, and Epitaxy Growth Processes; Non-Coating Apparatus Therefor	83	2	2	6	7	3	4	9	8	8	7	4	3	3	3	3	7	16	5	4	7	8	202
118	Coating Apparatus	476	36	33	37	43	32	37	40	47	32	32	34	31	21	15	22	14	14	17	14	20	14	1061
119	Animal Husbandry	1780	209	180	186	164	194	186	288	227	216	207	256	249	176	156	180	154	120	95	141	168	173	5705
122	Liquid Heaters and Vaporizers	320	8	9	17	11	11	6	16	15	14	11	10	25	11	13	11	8	6	11	7	6	10	556
123	Internal-Combustion Engines	2545	159	142	126	131	137	123	159	135	129	195	147	156	132	138	156	133	128	98	114	99	99	5381
124	Mechanical Guns and Projectors	600	51	53	60	67	70	91	59	60	56	60	52	67	80	48	48	53	33	42	78	52	56	1836
125	Stone Working	141	9	9	11	8	10	15	10	12	14	16	12	11	17	14	24	10	11	2	7	4	4	371
126	Stoves and Furnaces	2872	60	83	79	75	65	61	73	93	102	90	48	70	65	63	37	18	19	30	46	61	61	4171
127	Sugar, Starch, and Carbohydrates	43	7	4	5	3	2	1	4	6	1	4	1	0	0	1	1	2	1	0	2	1	0	89
128	Surgery	1403	151	149	181	191	215	205	245	195	176	170	171	160	159	115	126	81	64	59	93	101	124	4534
131	Tobacco	452	26	7	15	22	23	22	41	27	29	13	19	17	24	9	8	6	5	9	9	17	20	820
132	Toilet	789	68	73	85	72	87	88	169	195	141	104	86	75	57	25	46	62	36	40	34	54	80	2466
134	Cleaning and Liquid Contact with Solids	694	68	62	65	90	68	56	76	120	98	79	83	74	48	34	33	37	33	37	35	52	39	1981

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
135	Tent, Canopy, Umbrella, or Cane	525	52	60	101	62	77	84	90	80	83	127	79	71	87	63	44	64	63	65	72	89	69	2107
136	Batteries: Thermoelectric and Photoelectric	197	6	4	10	13	16	11	14	9	22	15	19	10	14	9	8	6	0	13	13	30	28	467
137	Fluid Handling	2395	195	183	181	147	141	143	171	237	251	223	128	126	135	128	137	118	80	69	95	71	96	5450
138	Pipes and Tubular Conduits	386	28	20	31	30	29	23	45	63	52	45	34	24	23	24	20	17	16	27	24	27	27	1015
139	Textiles: Weaving	189	10	3	5	11	11	7	7	5	8	8	5	1	8	7	8	1	3	1	6	4	6	314
140	Wireworking	121	4	3	9	8	7	5	9	5	8	6	3	5	2	1	10	7	2	4	1	3	1	224
141	Fluent Material Handling, with Receiver or Receiver Coating Means	655	53	54	73	69	72	68	62	76	68	88	81	60	80	66	52	51	22	31	45	48	38	1912
142	Wood Turning	25	4	1	1	1	1	2	1	5	2	0	0	1	0	0	0	0	0	0	0	0	0	44
144	Woodworking	820	69	46	52	50	40	44	53	59	62	52	59	61	31	19	49	30	27	24	38	44	21	1750
147	Coopering	3	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	5
148	Metal Treatment	180	18	15	24	14	9	15	15	14	19	26	22	26	21	8	2	4	9	10	6	4	8	469
149	Explosive and Thermic Compositions or Charges	62	1	1	2	1	4	3	3	0	2	3	1	2	2	3	0	0	0	2	1	5	5	103
150	Purses, Wallets, and Protective Covers	134	14	16	15	10	14	6	13	13	24	21	14	15	10	7	10	10	10	19	11	9	13	408
152	Resilient Tires and Wheels	313	16	25	19	14	13	16	16	17	22	17	13	21	13	11	17	12	11	10	12	11	23	642
156	Adhesive Bonding and Miscellaneous Chemical Manufacture	1542	101	99	111	136	107	109	127	141	129	140	122	111	103	52	62	53	40	38	79	77	73	3552
157	Wheelwright Machines	98	7	5	3	5	4	1	2	3	5	7	2	1	1	2	3	5	6	4	3	4	5	176
159	Concentrating Evaporators	44	5	6	3	3	2	0	3	1	1	0	1	0	0	2	2	0	0	1	1	1	3	79
160	Flexible or Portable Closure, Partition, or Panel	658	74	60	52	70	69	82	84	86	111	92	81	70	74	62	57	53	35	38	55	44	63	2070
162	Paper Making and Fiber Liberation	181	11	18	14	12	15	12	20	10	13	21	9	9	6	4	7	10	8	13	6	11	12	422
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	443	13	29	26	12	31	13	21	13	6	20	31	23	12	17	18	7	7	2	10	13	12	779
165	Heat Exchange	934	59	39	67	52	48	27	49	51	39	53	42	36	70	37	61	26	24	17	17	19	19	1786
166	Wells	840	78	71	80	67	58	53	73	55	81	126	70	78	69	50	77	75	82	55	103	69	82	2392
168	Farriery	74	13	10	5	2	4	6	6	4	11	8	9	7	5	6	2	4	5	8	2	0	2	193
169	Fire Extinguishers	242	30	22	13	9	25	31	31	42	40	24	26	20	12	17	23	16	10	13	21	12	13	692
171	Unearthing Plants or Buried Objects	71	3	2	6	3	1	1	2	1	4	2	5	0	1	1	5	0	1	1	4	0	0	114
172	Earth Working	805	39	34	38	50	47	42	65	51	55	49	41	33	32	34	26	10	10	15	18	25	20	1539
173	Tool Driving or Impacting	304	20	9	14	16	15	15	28	21	28	15	10	21	24	19	18	12	9	6	8	10	16	638
174	Electricity: Conductors and Insulators	437	37	45	46	49	39	48	83	78	59	84	95	80	72	102	87	61	64	75	65	51	54	1811
175	Boring or Penetrating the Earth	673	52	36	44	46	45	29	53	45	42	49	39	37	33	33	34	53	47	58	68	37	50	1603
177	Weighing Scales	281	16	20	12	11	2	12	19	13	10	15	13	19	14	6	9	21	7	15	10	6	6	537
178	Telegraphy	45	3	2	1	4	5	3	3	0	3	0	2	0	0	0	0	0	1	0	0	1	0	73
180	Motor Vehicles	1013	60	58	76	59	66	35	60	70	73	70	79	75	56	81	84	73	69	75	99	77	81	2489

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
181	Acoustics	494	22	42	30	24	26	32	38	54	53	31	35	42	22	26	11	15	26	39	29	39	33	1163
182	Fire Escape, Ladder, or Scaffold	1212	106	61	100	74	75	80	111	130	102	67	95	78	99	80	87	65	30	19	39	54	81	2845
184	Lubrication	165	16	15	14	23	25	11	15	17	14	20	12	7	7	5	8	4	4	3	6	2	6	399
185	Motors: Spring, Weight, or Animal Powered	25	1	1	1	0	0	3	0	1	2	1	1	1	0	1	0	0	0	1	2	1	2	44
186	Merchandising	41	7	3	1	6	5	5	4	0	3	4	2	2	4	0	1	1	0	0	0	1	0	90
187	Elevator, Industrial Lift Truck, or Stationary Lift for Vehicle	152	14	14	21	12	22	16	16	28	17	16	14	11	10	6	15	18	11	10	6	6	14	449
188	Brakes	440	29	26	44	46	58	43	41	55	45	52	79	44	31	40	45	31	24	25	22	29	22	1271
190	Trunks and Hand-Carried Luggage	158	21	13	17	22	23	19	16	17	16	20	20	22	10	7	11	7	8	9	8	12	13	469
191	Electricity: Transmission To Vehicles	61	6	3	8	4	3	7	4	2	4	13	6	5	3	4	3	3	0	2	0	3	2	146
192	Clutches and Power-Stop Control	292	17	11	17	18	30	20	16	27	18	18	15	11	10	14	8	10	7	7	10	6	7	589
193	Conveyors, Chutes, Skids, Guides, and Ways	98	5	7	3	3	3	2	1	8	9	9	13	1	4	4	6	4	3	4	6	4	2	199
194	Check-Actuated Control Mechanisms	176	12	14	9	18	15	7	7	15	5	8	5	9	7	1	4	6	1	4	4	0	2	329
196	Mineral Oils: Apparatus	17	0	1	1	1	1	0	4	1	1	0	1	0	0	0	0	0	0	0	1	0	0	29
198	Conveyors: Power-Driven	847	73	60	81	49	44	45	57	55	70	63	66	56	50	39	42	36	37	29	45	38	28	1910
200	Electricity: Circuit Makers and Breakers	609	31	30	32	32	32	32	54	38	20	21	39	31	51	41	33	35	30	21	24	28	26	1290
201	Distillation: Processes, Thermolytic	39	5	0	2	2	0	3	2	1	0	0	1	2	0	1	3	0	1	3	5	2	5	77
202	Distillation: Apparatus	258	6	10	11	9	8	15	8	7	9	5	8	6	5	2	3	2	6	5	6	4	7	400
203	Distillation: Processes, Separatory	196	25	24	9	43	7	12	28	20	8	9	11	3	6	8	5	0	4	7	4	8	8	445
204	Chemistry: Electrical and Wave Energy	669	58	37	44	58	33	50	36	38	56	67	45	39	29	19	23	15	21	12	30	23	38	1440
205	Electrolysis: Processes, Compositions Used Therein, and Methods of Preparing the Compositions	432	32	41	41	38	26	19	25	28	30	48	34	17	25	12	12	20	12	12	15	18	24	961
206	Special Receptacle or Package	2499	208	238	239	232	216	235	343	321	312	243	217	192	174	186	131	122	136	135	163	160	168	6870
208	Mineral Oils: Processes and Products	188	10	3	11	6	16	6	7	13	8	7	5	7	4	3	5	5	7	2	7	8	9	337
209	Classifying, Separating, and Assorting Solids	639	36	48	45	35	28	32	36	43	37	36	36	15	27	29	22	11	18	18	25	26	17	1259
210	Liquid Purification or Separation	2764	299	276	225	250	267	255	258	281	273	310	248	208	208	204	187	183	167	168	198	176	175	7580
211	Supports: Racks	1077	133	114	126	97	144	134	190	153	156	139	124	120	105	96	95	71	46	46	73	103	74	3416
212	Traversing Hoists	154	8	10	6	4	5	8	17	16	10	9	8	8	5	5	5	7	11	10	4	3	1	314
213	Railway Draft Appliances	30	2	0	2	0	2	0	1	0	3	4	2	1	3	1	4	1	0	1	2	2	1	62
215	Bottles and Jars	647	42	34	33	51	32	35	42	50	41	38	33	23	22	20	19	16	9	15	23	26	35	1286
216	Etching a Substrate: Processes	86	8	9	14	9	4	6	10	7	5	4	11	10	16	9	4	6	6	6	3	5	3	241
217	Wooden Receptacles	26	1	1	2	2	1	0	2	1	2	1	0	0	0	2	0	0	1	0	3	2	1	48
218	High-Voltage Switches with Arc Preventing or Extinguishing Devices	26	1	2	2	0	2	0	0	0	2	3	0	0	2	0	1	0	0	0	0	0	1	42
219	Electric Heating	1387	94	89	82	99	93	82	110	126	180	125	127	113	128	102	114	86	49	46	55	50	67	3404

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
220	Receptacles	1516	161	175	158	154	156	145	182	219	184	186	154	119	106	68	83	67	63	84	100	121	149	4350
221	Article Dispensing	520	45	39	48	44	44	34	47	46	47	48	57	58	42	32	47	25	25	17	26	29	15	1335
222	Dispensing	1942	179	171	170	175	169	142	168	246	174	179	170	111	135	128	126	81	61	53	99	77	104	4860
223	Apparel Apparatus	339	32	18	17	21	34	45	39	47	61	54	26	20	34	21	22	35	25	8	21	17	25	961
224	Package and Article Carriers	1416	114	142	150	184	178	181	202	195	165	177	149	133	132	76	55	53	35	26	71	72	75	3981
225	Severing by Tearing or Breaking	156	24	10	8	10	12	6	12	12	10	8	4	14	7	11	7	6	3	4	8	1	5	338
226	Advancing Material of Indeterminate Length	169	2	5	5	3	4	3	5	6	2	4	4	2	2	1	2	1	4	0	1	0	0	225
227	Elongated-Member-Driving Apparatus	307	18	15	14	17	17	24	22	22	26	23	32	27	27	29	19	19	11	11	12	14	6	712
228	Metal Fusion Bonding	328	25	27	20	29	22	23	13	23	23	26	24	19	21	20	12	5	7	9	11	11	9	707
229	Envelopes, Wrappers, and Paperboard Boxes	462	50	49	53	44	35	37	62	63	56	53	45	32	12	19	24	21	9	10	20	22	9	1187
231	Whips and Whip Apparatus	10	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0	0	3	1	2	1	0	21
232	Deposit and Collection Receptacles	259	18	12	12	34	16	19	15	19	15	17	11	17	15	17	27	35	27	15	10	11	10	631
234	Selective Cutting (e.g., Punching)	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	4
235	Registers	470	26	27	31	50	38	40	41	60	67	43	74	103	96	59	107	100	86	80	92	95	95	1880
236	Automatic Temperature and Humidity Regulation	327	18	19	19	15	8	10	15	13	22	14	13	14	10	7	10	15	8	6	10	14	14	601
237	Heating Systems	237	7	9	6	5	9	6	11	11	10	16	9	14	5	2	4	2	2	2	0	3	0	370
238	Railways: Surface Track	134	12	3	7	8	12	6	15	6	8	9	12	7	7	4	5	4	4	2	7	7	6	285
239	Fluid Sprinkling, Spraying, and Diffusing	1482	103	106	125	96	64	104	151	156	182	130	120	141	128	101	113	66	67	56	92	77	57	3717
241	Solid Material Comminution or Disintegration	769	58	87	68	59	70	59	61	81	62	43	57	58	50	41	53	56	42	62	57	66	52	2011
242	Winding, Tensioning, or Guiding	1136	61	71	67	49	66	72	94	106	86	90	107	90	52	57	54	55	73	46	46	40	28	2546
244	Aeronautics and Astronautics	865	91	76	62	53	58	39	86	86	99	91	99	93	91	71	78	51	39	54	58	80	87	2407
245	Wire Fabrics and Structure	3	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	0	0	0	7
246	Railway Switches and Signals	42	3	5	5	11	4	6	11	2	10	12	8	10	5	2	3	5	6	5	7	4	6	172
248	Supports	2688	359	252	248	244	250	242	369	325	364	326	344	310	233	171	189	183	149	194	271	200	231	8142
249	Static Molds	464	19	17	12	14	16	22	24	14	16	18	17	9	16	8	16	16	6	9	9	10	10	762
250	Radiant Energy	1042	87	78	67	87	74	73	90	82	69	69	71	96	93	69	111	86	88	91	105	85	99	2812
251	Valves and Valve Actuation	617	47	49	54	39	32	33	39	43	49	35	44	41	39	48	55	25	25	14	23	20	38	1409
252	Compositions	308	26	10	19	19	30	23	31	33	37	39	20	21	30	15	13	18	12	12	20	25	24	785
254	Implements or Apparatus for Applying Pushing or Pulling Force	802	47	71	42	35	34	57	49	81	74	66	65	76	63	68	75	55	57	39	53	41	64	2014
256	Fences	340	26	21	29	25	26	37	34	30	33	32	21	42	34	35	27	18	29	29	17	14	16	915
257	Active Solid-State Devices (e.g., Transistors, Solid-State Diodes)	166	31	21	25	36	29	46	44	41	42	55	68	82	64	62	79	64	71	65	110	75	62	1338
258	Railway Mail Delivery	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
260	Chemistry of Carbon Compounds	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
261	Gas and Liquid Contact Apparatus	517	31	25	15	23	26	24	23	27	25	44	31	27	24	16	19	25	17	26	13	27	36	1041
264	Plastic and Nonmetallic Article Shaping or Treating: Processes	1196	103	111	89	99	90	93	124	105	106	90	104	87	89	46	63	45	26	43	82	72	57	2920
266	Metallurgical Apparatus	310	9	8	10	20	13	13	13	5	14	10	11	10	14	3	7	5	3	12	9	7	11	517
267	Spring Devices	204	12	14	14	13	17	12	16	17	14	16	20	13	11	3	12	7	10	9	6	6	7	453
269	Work Holders	727	52	42	33	29	49	26	48	58	63	44	43	46	40	20	30	23	14	9	14	32	37	1479
270	Sheet-Material Associating	88	2	5	3	3	3	2	4	2	4	2	1	2	2	4	2	1	2	0	5	5	0	142
271	Sheet Feeding or Delivering	230	18	22	10	13	15	7	9	6	8	6	11	7	4	6	4	5	3	7	12	5	2	410
273	Amusement Devices: Games	2523	209	190	245	249	215	223	255	224	198	211	223	195	136	110	131	133	124	126	131	96	94	6241
277	Seal for a Joint or Juncture	362	20	16	18	17	21	24	21	25	18	33	38	21	20	12	12	8	5	2	6	8	13	720
278	Land Vehicles: Animal Draft Appliances	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
279	Chucks or Sockets	218	18	16	16	15	13	10	14	19	13	20	12	15	3	16	7	2	1	4	4	8	9	453
280	Land Vehicles	3767	276	323	363	345	342	251	409	402	468	456	426	386	364	335	333	335	303	280	339	310	365	11178
281	Books, Strips, and Leaves	236	24	29	19	26	24	30	34	44	25	22	17	7	12	9	11	6	3	5	7	7	6	603
283	Printed Matter	259	36	43	43	45	34	30	47	64	48	36	24	21	13	12	10	7	6	2	5	4	5	794
285	Pipe Joints or Couplings	830	59	64	70	65	59	41	70	75	49	52	51	49	43	33	38	31	51	30	43	33	30	1866
289	Knots and Knot Tying	66	2	1	1	1	3	7	2	6	4	9	5	4	5	2	3	2	3	6	2	4	6	144
290	Prime-Mover Dynamo Plants	419	10	7	12	23	8	7	22	13	23	29	26	15	60	47	64	58	79	71	80	106	119	1298
291	Track Sanders	9	1	0	0	0	3	0	0	0	1	0	1	0	1	4	0	0	0	1	1	1	0	23
292	Closure Fasteners	859	77	36	37	45	63	73	43	54	54	28	66	47	30	36	31	50	33	25	26	27	26	1766
293	Vehicle Fenders	130	12	10	6	3	5	12	8	7	9	14	9	12	9	9	11	8	8	7	5	8	6	308
294	Handling: Hand and Hoist-Line Implements	1210	80	98	97	106	117	109	148	130	123	81	119	76	45	46	67	76	58	50	71	74	82	3063
295	Railway Wheels and Axles	7	0	0	0	0	1	1	0	2	0	1	1	2	1	0	0	0	1	0	0	0	1	18
296	Land Vehicles: Bodies and Tops	1275	127	101	85	95	116	114	141	152	166	177	126	139	147	121	133	135	111	101	107	85	99	3853
297	Chairs and Seats	1341	118	82	165	120	171	161	183	220	263	159	176	181	179	139	180	134	164	121	153	123	134	4667
298	Land Vehicles: Dumping	124	5	8	7	9	5	5	8	7	10	11	7	12	18	9	9	3	5	3	8	11	9	293
299	Mining or In Situ Disintegration of Hard Material	304	16	16	6	11	8	11	10	12	10	15	8	12	7	4	9	6	23	15	14	8	9	534
300	Brush, Broom, and Mop Making	20	4	5	5	5	1	4	2	2	1	3	1	4	2	0	2	3	3	0	1	2	3	73
301	Land Vehicles: Wheels and Axles	230	31	24	25	17	26	13	27	29	40	45	43	40	34	27	27	24	20	14	19	27	11	793
303	Fluid-Pressure and Analogous Brake Systems	101	10	13	6	15	7	14	6	11	11	10	17	8	5	4	4	0	6	2	8	6	2	266
305	Wheel Substitutes for Land Vehicles	56	1	3	5	6	4	7	8	7	8	8	7	6	1	0	3	1	3	1	7	2	1	145
307	Electrical Transmission or Interconnection Systems	418	19	30	25	22	46	47	51	57	38	21	22	28	32	8	24	24	21	25	49	39	51	1097
310	Electrical Generator or Motor Structure	623	43	48	40	34	42	51	73	79	66	72	70	61	88	59	55	39	44	59	72	64	72	1854

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
312	Supports: Cabinet Structure	779	71	63	54	68	66	57	87	80	82	51	70	60	56	35	29	25	19	16	25	31	35	1859
313	Electric Lamp and Discharge Devices	188	14	8	10	11	21	18	23	32	23	19	23	28	20	14	25	15	16	10	21	19	29	587
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	587	44	50	37	64	45	29	59	47	65	64	58	71	43	54	47	36	23	24	38	46	69	1600
318	Electricity: Motive Power Systems	548	32	34	39	47	38	34	46	35	44	33	33	21	22	18	23	27	20	33	29	30	41	1227
320	Electricity: Battery or Capacitor Charging or Discharging	153	21	30	21	10	24	32	32	34	40	41	38	33	31	19	14	17	9	25	34	40	52	750
322	Electricity: Single Generator Systems	90	3	5	4	1	4	5	5	2	3	6	1	3	2	3	3	3	2	3	4	4	3	159
323	Electricity: Power Supply or Regulation Systems	140	15	10	7	7	11	12	13	9	11	16	19	5	8	11	11	10	7	9	7	6	12	356
324	Electricity: Measuring and Testing	1012	96	74	80	98	108	52	98	82	91	97	118	97	95	76	97	78	74	66	62	65	76	2792
326	Electronic Digital Logic Circuitry	34	9	4	10	7	7	6	12	7	4	8	11	8	9	9	8	18	13	19	32	12	16	263
327	Miscellaneous Active Electrical Nonlinear Devices, Circuits, and Systems	185	21	13	16	10	16	11	20	23	23	24	23	17	20	14	21	9	19	13	18	12	9	537
329	Demodulators	21	0	1	2	1	2	1	0	0	1	0	1	0	1	0	0	0	0	2	0	0	0	33
330	Amplifiers	181	12	7	8	8	12	12	10	15	17	19	13	17	16	6	17	13	21	16	17	10	15	462
331	Oscillators	81	3	3	2	2	6	5	8	8	5	6	2	5	5	5	3	7	4	15	9	12	7	203
332	Modulators	21	1	0	1	5	3	0	2	1	1	2	0	1	0	0	1	2	0	0	3	3	1	48
333	Wave Transmission Lines and Networks	154	15	11	11	10	10	4	8	10	12	13	13	21	12	20	16	7	15	10	8	5	8	393
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	194	11	13	12	10	16	14	9	18	14	17	16	16	13	22	17	12	13	10	15	14	22	498
336	Inductor Devices	67	3	3	6	5	6	8	6	10	9	4	6	15	19	14	18	11	2	9	8	6	12	247
337	Electricity: Electrothermally or Thermally Actuated Switches	153	6	5	4	7	4	14	17	23	17	15	13	20	8	7	12	9	6	7	14	6	10	377
338	Electrical Resistors	116	6	8	6	0	6	3	4	6	8	2	4	4	2	0	2	0	2	0	5	5	2	191
340	Communications: Electrical	2315	179	164	165	222	273	314	372	378	431	381	318	223	308	309	394	311	349	271	320	271	290	8558
341	Coded Data Generation or Conversion	191	14	22	17	24	23	32	33	25	28	34	43	34	24	21	25	27	27	30	36	15	17	742
342	Communications: Directive Radio Wave Systems and Devices (e.g., Radar, Radio Navigation)	280	21	28	28	27	36	24	40	34	34	39	37	27	26	26	23	24	27	23	24	35	19	882
343	Communications: Radio Wave Antennas	369	9	25	19	27	31	24	29	37	43	52	50	24	26	47	43	47	41	35	37	25	20	1060
345	Computer Graphics Processing and Selective Visual Display Systems	242	27	21	46	47	47	76	86	108	112	122	112	107	82	85	104	99	74	66	117	78	106	1964
346	Recorders	83	0	0	1	2	2	0	1	3	0	1	0	0	0	0	0	1	0	0	0	0	0	94
347	Incremental Printing of Symbolic Information	87	6	1	6	6	4	9	17	10	19	16	22	20	19	23	30	25	33	9	16	12	16	406
348	Television	538	46	38	50	59	57	54	68	63	70	54	49	44	55	34	68	47	58	54	86	72	106	1770

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
349	Liquid Crystal Cells, Elements and Systems	59	12	6	4	17	19	11	9	7	7	12	9	12	11	12	8	1	5	10	12	16	13	272
351	Optics: Eye Examining, Vision Testing and Correcting	645	66	59	58	81	70	70	83	114	104	88	86	93	94	87	77	100	101	88	111	79	70	2424
352	Optics: Motion Pictures	169	10	6	1	3	6	10	7	14	5	8	4	6	8	3	5	4	4	3	3	0	3	282
353	Optics: Image Projectors	190	10	15	13	16	13	12	13	16	11	11	9	9	22	14	22	7	20	12	9	15	17	476
355	Photocopying	388	18	14	14	13	3	11	8	11	6	11	7	7	6	4	8	5	2	3	1	3	1	544
356	Optics: Measuring and Testing	695	59	48	38	67	61	60	70	76	75	32	60	58	73	55	62	70	62	64	70	60	58	1973
358	Facsimile and Static Presentation Processing	117	17	14	22	19	28	14	15	27	16	13	19	14	17	9	45	29	25	52	59	34	29	634
359	Optical: Systems and Elements	1290	128	105	93	89	96	79	136	138	129	154	159	122	113	120	128	99	106	72	96	79	74	3605
360	Dynamic Magnetic Information Storage or Retrieval	372	22	25	25	23	23	15	27	18	20	18	20	16	15	7	11	9	3	9	16	5	12	711
361	Electricity: Electrical Systems and Devices	718	66	70	46	72	91	87	117	84	98	115	119	108	114	88	78	110	92	94	131	95	94	2687
362	Illumination	1728	219	141	176	207	219	221	271	259	351	343	327	367	303	277	366	317	225	239	291	253	287	7387
363	Electric Power Conversion Systems	229	16	25	16	14	23	22	25	22	28	32	32	19	13	11	15	14	9	18	20	12	15	630
365	Static Information Storage and Retrieval	102	10	20	24	17	26	27	33	24	30	28	19	25	17	22	28	23	25	60	50	38	21	669
366	Agitating	751	33	34	47	55	66	44	57	65	46	65	45	39	28	30	26	27	27	24	29	37	46	1621
367	Communications, Electrical: Acoustic Wave Systems and Devices	288	41	36	23	26	19	16	19	16	17	23	15	11	15	19	15	14	32	13	27	9	17	711
368	Horology: Time Measuring Systems or Devices	492	43	45	52	27	25	39	43	43	30	50	47	36	45	26	45	31	36	25	37	34	26	1277
369	Dynamic Information Storage or Retrieval	262	11	16	16	31	19	21	21	17	22	18	22	27	15	11	14	8	11	20	26	13	7	628
370	Multiplex Communications	160	13	12	10	34	28	28	34	28	35	35	25	22	39	32	71	63	78	128	196	105	95	1271
372	Coherent Light Generators	210	13	14	21	26	18	22	19	14	16	16	14	26	39	23	21	13	15	22	15	24	12	613
373	Industrial Electric Heating Furnaces	91	5	5	3	5	3	0	0	7	12	6	6	3	3	1	1	0	3	1	0	1	1	157
374	Thermal Measuring and Testing	276	13	15	15	8	10	18	29	11	22	14	15	13	14	13	14	13	12	12	15	9	22	583
375	Pulse or Digital Communications	152	19	15	16	24	31	29	33	40	33	21	27	30	31	30	66	63	44	61	83	47	47	942
376	Induced Nuclear Reactions: Processes, Systems, and Elements	182	18	14	10	12	9	4	12	8	2	4	4	5	6	4	1	1	1	2	1	4	5	309
377	Electrical Pulse Counters, Pulse Dividers, or Shift Registers: Circuits and Systems	147	9	5	3	5	6	1	1	4	6	3	6	2	3	2	4	1	0	0	0	0	1	209
378	X-Ray or Gamma Ray Systems or Devices	348	35	31	28	25	33	22	36	18	32	28	26	26	17	23	30	32	29	40	39	21	31	950
379	Telephonic Communications	743	64	34	51	75	76	80	102	72	63	73	57	72	72	59	68	52	40	51	52	53	47	2056
380	Cryptography	106	11	15	23	12	15	22	22	8	18	15	11	4	8	8	15	11	8	12	33	18	23	418
381	Electrical Audio Signal Processing Systems and Devices	615	47	43	47	40	57	63	115	63	60	43	68	68	68	52	71	56	42	47	71	110	175	2021
382	Image Analysis	145	24	25	18	26	35	39	52	58	66	51	42	59	59	53	98	78	57	81	117	113	107	1403
383	Flexible Bags	281	29	28	37	27	21	21	23	45	51	44	25	15	13	18	15	12	13	10	10	19	20	777
384	Bearings	404	31	21	34	37	25	16	25	23	20	32	25	18	11	13	9	7	8	6	4	4	8	781

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
385	Optical Waveguides	264	26	30	31	31	39	32	67	62	59	57	79	74	66	70	106	60	54	47	39	22	33	1348
386	Motion Video Signal Processing for Recording or Reproducing	106	7	7	3	4	6	11	7	10	11	10	13	5	10	2	4	7	10	6	7	11	10	267
388	Electricity: Motor Control Systems	46	1	1	7	3	4	1	0	4	1	1	0	0	1	0	3	1	1	0	1	0	0	76
392	Electric Resistance Heating Devices	271	22	20	21	21	13	16	27	32	31	31	23	18	12	23	23	22	13	16	15	16	26	712
396	Photography	636	26	20	29	15	34	27	61	42	24	21	29	39	34	16	15	22	21	33	34	46	46	1270
398	Optical Communications	91	4	5	9	7	9	7	9	9	6	7	10	15	9	12	16	14	12	21	26	16	21	335
399	Electrophotography	64	10	11	10	13	6	12	9	9	7	20	8	10	4	8	17	5	4	8	6	4	3	248
400	Typewriting Machines	278	19	31	23	31	22	15	20	19	20	11	14	20	25	16	16	9	4	3	5	6	2	609
401	Coating Implements with Material Supply	524	45	37	59	46	33	23	36	110	98	124	90	77	89	71	71	59	57	37	41	37	72	1836
402	Binder Device Releasably Engaging Aperture or Notch of Sheet	166	19	15	15	11	18	17	23	13	22	10	15	14	9	8	6	5	7	1	8	0	3	405
403	Joints and Connections	846	63	55	46	49	52	57	61	64	44	76	63	58	44	30	29	22	28	14	20	21	30	1772
404	Road Structure, Process, or Apparatus	669	52	72	59	61	51	51	46	57	63	49	66	56	71	41	84	54	46	57	64	42	42	1853
405	Hydraulic and Earth Engineering	1464	150	148	87	90	142	99	135	151	101	107	147	128	118	100	135	83	98	82	96	82	74	3817
406	Conveyors: Fluid Current	181	13	10	4	5	8	6	7	7	8	14	12	11	6	3	10	1	0	3	5	1	7	322
407	Cutters, for Shaping	110	7	9	3	2	2	8	8	9	9	12	3	8	1	6	6	10	9	4	2	1	1	230
408	Cutting by Use of Rotating Axially Moving Tool	575	43	32	45	44	25	35	56	47	22	40	27	31	19	17	32	21	19	19	15	11	14	1189
409	Gear Cutting, Milling, or Planing	305	18	18	14	17	19	27	29	25	31	18	21	20	16	18	16	19	12	12	9	7	3	674
410	Freight Accommodation On Freight Carrier	238	16	16	20	30	23	16	28	35	47	47	37	47	48	34	41	34	30	28	28	31	35	909
411	Expanded, Threaded, Driven, Headed, Tool-Deformed, or Locked-Threaded Fastener	529	53	54	42	49	52	52	63	59	55	46	42	34	35	27	28	13	15	15	29	34	30	1356
412	Bookbinding: Process and Apparatus	37	4	6	3	4	4	6	7	4	7	10	9	1	1	3	1	0	2	1	3	2	1	116
413	Sheet Metal Container Making	15	2	1	2	0	2	1	2	0	1	1	0	0	2	0	2	4	1	0	0	1	0	37
414	Material or Article Handling	1978	133	125	138	142	142	112	131	144	167	86	113	92	101	62	56	58	49	52	57	67	66	4071
415	Rotary Kinetic Fluid Motors or Pumps	364	32	24	22	22	29	13	13	13	23	30	37	39	31	36	31	36	16	15	33	34	53	946
416	Fluid Reaction Surfaces (i.e., Impellers)	402	22	40	30	36	31	24	17	29	43	36	42	29	35	30	34	29	29	14	26	35	42	1055
417	Pumps	1084	64	76	58	69	69	68	71	74	113	102	103	100	62	26	37	27	21	23	21	53	71	2392
418	Rotary Expansible Chamber Devices	347	23	18	25	22	20	17	17	12	31	27	24	22	14	10	11	6	9	12	15	7	13	702
419	Powder Metallurgy Processes	64	2	1	7	4	7	7	4	5	4	2	4	4	5	2	2	2	2	4	2	5	4	143
420	Alloys or Metallic Compositions	126	6	4	8	6	1	3	2	4	0	1	7	6	3	3	1	1	1	1	2	2	6	194
422	Chemical Apparatus and Process Disinfecting, Deodorizing, Preserving, or Sterilizing	698	90	77	82	106	75	72	89	94	89	91	92	84	62	56	47	51	61	36	85	87	108	2332
423	Chemistry of Inorganic Compounds	561	28	26	30	28	24	17	27	28	24	41	34	36	24	15	23	24	18	13	37	29	41	1128
424	Drug, Bio-Affecting and Body Treating Compositions	1252	152	156	130	147	190	253	307	339	296	369	354	322	207	136	188	156	144	135	208	215	258	5914

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
425	Plastic Article or Earthenware Shaping or Treating: Apparatus	1282	75	81	83	69	67	57	76	63	65	49	56	47	48	30	47	62	41	37	36	37	40	2448
426	Food or Edible Material: Processes, Compositions, and Products	1180	99	94	88	98	111	107	105	154	159	166	121	98	94	47	52	46	21	24	36	41	74	3015
427	Coating Processes	719	62	38	64	74	58	64	80	73	75	77	58	65	51	24	22	24	29	26	43	40	37	1803
428	Stock Material or Miscellaneous Articles	1955	165	173	181	209	207	214	260	270	244	223	166	214	172	109	93	93	53	59	91	125	128	5404
429	Chemistry: Electrical Current Producing Apparatus, Product, and Process	304	17	20	22	35	71	30	29	32	27	28	24	40	16	24	21	15	12	24	31	28	31	881
430	Radiation Imagery Chemistry: Process, Composition, or Product Thereof	312	14	12	16	23	28	13	23	22	27	25	34	27	25	19	22	14	13	10	23	11	11	724
431	Combustion	507	33	30	41	38	42	25	51	59	61	69	38	62	52	46	31	23	14	23	23	9	14	1291
432	Heating	327	12	9	7	3	2	10	11	15	12	9	11	17	5	4	6	4	3	1	5	1	5	479
433	Dentistry	1660	173	143	157	107	145	133	222	203	154	191	134	113	82	98	142	93	68	30	71	67	101	4287
434	Education and Demonstration	1168	100	130	107	86	107	97	147	136	143	89	101	123	94	88	71	68	46	49	51	69	95	3165
435	Chemistry: Molecular Biology and Microbiology	754	71	89	99	114	126	182	225	252	205	246	175	179	139	121	154	122	100	142	167	154	148	3964
436	Chemistry: Analytical and Immunological Testing	332	24	33	31	29	42	39	53	38	41	43	30	38	30	9	18	35	30	32	36	30	38	1031
438	Semiconductor Device Manufacturing: Process	145	19	20	16	33	24	20	36	52	56	68	66	83	72	44	51	41	61	52	84	59	55	1157
439	Electrical Connectors	1176	141	118	138	120	133	130	175	150	210	194	158	139	177	159	205	167	143	117	131	130	111	4322
440	Marine Propulsion	503	39	53	44	45	48	51	55	50	56	44	40	50	46	45	60	34	40	29	31	30	29	1422
441	Buoys, Rafts, and Aquatic Devices	478	51	40	65	59	51	56	66	50	55	54	59	55	45	55	64	52	40	36	34	29	33	1527
442	Fabric (Woven, Knitted, or Nonwoven Textile or Cloth, Etc.)	147	11	8	13	16	10	9	22	29	20	15	10	8	9	5	5	10	9	8	9	9	8	390
445	Electric Lamp or Space Discharge Component or Device Manufacturing	17	2	2	3	2	1	5	2	9	5	4	3	4	3	3	3	2	1	2	3	4	3	83
446	Amusement Devices: Toys	1343	123	107	122	103	109	79	140	135	181	157	176	172	141	99	68	65	53	39	70	72	45	3599
449	Bee Culture	93	3	0	3	2	1	5	2	1	2	1	3	5	3	1	4	0	3	3	3	4	1	143
450	Foundation Garments	116	8	9	4	11	6	14	20	34	49	37	32	14	18	15	22	20	23	15	20	21	36	544
451	Abrading	985	81	96	69	73	81	88	80	92	101	121	93	81	96	84	100	53	42	45	36	42	51	2590
452	Butchering	475	40	36	40	31	33	21	17	22	32	31	11	19	15	16	28	23	30	24	17	17	14	992
453	Coin Handling	60	4	3	4	5	2	4	0	1	4	1	3	2	8	0	2	0	0	2	2	2	2	111
454	Ventilation	496	54	34	42	24	36	34	44	45	41	59	58	47	46	35	31	19	12	15	14	14	18	1218
455	Telecommunications	327	30	25	15	33	54	34	55	60	72	61	68	82	95	82	147	145	98	152	195	166	245	2241
460	Crop Threshing or Separating	78	8	5	4	8	12	1	9	5	8	5	5	2	4	4	4	2	1	2	4	2	3	176
462	Books, Strips, and Leaves for Manifolding	41	8	10	3	5	3	1	1	0	2	4	0	0	0	0	0	1	1	0	0	0	0	80
463	Amusement Devices: Games	255	24	28	40	25	36	28	65	52	63	63	52	58	43	47	39	44	47	24	54	78	151	1316
464	Rotary Shafts, Gudgeons, Housings, and Flexible Couplings for Rotary Shafts	151	8	8	10	11	10	7	10	4	9	23	10	14	9	7	11	3	3	3	2	6	6	325

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
470	Threaded, Headed Fastener, or Washer Making: Process and Apparatus	56	3	6	3	4	2	2	4	4	2	0	3	3	1	1	2	1	1	1	1	4	0	104
472	Amusement Devices	248	18	29	21	22	24	26	47	31	25	21	23	28	19	22	18	12	12	10	27	35	21	739
473	Games Using Tangible Projectile	2728	327	301	386	423	395	363	471	382	324	316	308	310	290	255	299	263	198	196	267	266	266	9334
474	Endless Belt Power Transmission Systems or Components	307	13	24	33	34	23	25	17	14	28	13	19	10	6	7	11	5	8	6	13	9	11	636
475	Planetary Gear Transmission Systems or Components	304	33	26	20	22	25	19	24	35	35	21	22	25	16	25	15	19	22	16	19	14	25	782
476	Friction Gear Transmission Systems or Components	36	3	2	0	4	7	1	2	2	5	2	2	1	2	3	2	1	2	1	3	1	3	85
477	Interrelated Power Delivery Controls, Including Engine Control	88	2	1	4	6	8	6	5	5	4	1	4	6	3	4	7	2	7	4	8	6	4	185
482	Exercise Devices	1972	227	219	249	221	275	281	324	308	304	274	252	262	263	185	310	230	221	245	340	352	183	7497
483	Tool Changing	26	2	0	3	1	1	3	1	6	6	1	4	2	1	0	4	2	3	5	2	0	1	74
492	Roll or Roller	49	1	5	2	8	3	6	5	5	3	1	1	2	3	0	2	0	0	1	2	5	2	106
493	Manufacturing Container or Tube From Paper; or Other Manufacturing From a Sheet or Web	301	41	19	23	17	16	11	30	21	24	11	16	25	15	13	12	7	15	11	7	5	10	650
494	Imperforate Bowl: Centrifugal Separators	85	2	7	8	3	4	5	8	7	6	7	8	2	3	3	2	3	0	4	1	6	5	179
501	Compositions: Ceramic	105	12	6	13	11	12	7	10	11	5	12	12	14	5	6	4	5	6	5	2	3	7	273
502	Catalyst, Solid Sorbent, or Support Therefor: Product or Process of Making	156	17	21	9	10	8	8	12	16	18	11	14	4	4	2	5	8	8	7	13	9	13	373
503	Record Receiver Having Plural Interactive Leaves or a Colorless Color Former, Method of Use, or Developer Therefor	26	1	2	4	0	4	2	4	4	0	2	1	0	3	1	2	3	3	2	5	2	1	72
504	Plant Protecting and Regulating Compositions	74	18	8	5	5	8	11	10	28	14	16	11	9	5	5	4	4	1	5	2	5	6	254
505	Superconductor Technology: Apparatus, Material, Process	12	10	8	6	9	7	8	3	8	6	5	2	3	4	5	1	1	0	3	0	5	2	108
506	Combinatorial Chemistry Technology: Method, Library, Apparatus	0	0	0	0	0	6	2	3	8	9	3	6	11	4	3	1	0	0	4	4	4	3	71
507	Earth Boring, Well Treating, and Oil Field Chemistry	43	5	3	1	1	1	3	7	5	3	1	5	6	11	8	2	1	1	9	7	4	3	130
508	Solid Anti-Friction Devices, Materials Therefor, Lubricant or Separant Compositions for Moving Solid Surfaces, and Miscellaneous Mineral Oil Compositions	71	7	7	5	9	8	8	11	13	10	10	7	8	4	2	6	5	2	4	9	5	9	220
510	Cleaning Compositions for Solid Surfaces, Auxiliary Compositions Therefor, or Processes of Preparing the Compositions	156	10	11	12	19	22	23	34	41	23	29	30	30	26	12	21	10	13	16	8	23	18	587
512	Perfume Compositions	8	2	0	3	0	0	1	1	1	3	1	1	1	1	0	0	0	1	0	2	0	0	26
514	Drug, Bio-Affecting and Body Treating Compositions	1418	125	117	114	143	181	205	234	266	238	268	240	200	144	125	116	109	80	100	168	159	172	4922
516	Colloid Systems and Wetting Agents; Subcombinations Thereof; Processes Of	27	4	2	2	2	3	4	2	5	4	5	3	7	2	2	2	1	3	4	4	1	1	90

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
518	Chemistry: Fischer-Tropsch Processes; or Purification or Recovery of Products Thereof	6	1	0	2	2	1	0	1	0	1	4	1	0	2	1	2	3	1	0	0	3	4	35
521	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	217	20	17	8	16	8	13	17	18	9	15	11	16	5	8	1	3	2	3	1	14	6	428
522	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	18	3	2	1	6	5	1	2	5	4	2	1	6	3	3	3	1	0	0	2	1	0	69
523	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	186	11	13	11	16	13	11	20	15	13	14	12	12	6	4	6	7	3	4	13	9	12	411
524	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	297	33	22	28	26	32	24	40	29	25	22	27	30	18	17	23	13	12	15	20	13	16	782
525	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	208	19	19	12	13	10	12	15	11	10	14	13	11	9	5	7	13	5	3	6	7	9	431
526	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	97	5	10	9	1	7	4	9	9	8	14	8	23	8	6	6	2	3	4	4	6	1	244
527	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	24	1	2	1	3	0	1	1	0	2	0	0	1	1	0	1	0	0	0	0	0	1	39
528	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	173	14	23	13	11	6	11	15	12	9	14	15	7	7	12	9	13	9	6	6	11	8	404
530	Chemistry: Natural Resins or Derivatives; Peptides or Proteins; Lignins or Reaction Products Thereof	187	20	14	18	13	13	36	46	38	18	40	30	34	32	12	17	25	29	21	32	27	27	729
534	Organic Compounds -- Part of the Class 532-570 Series	28	1	1	1	1	1	2	2	1	0	0	1	1	0	0	0	1	1	0	2	1	0	45
536	Organic Compounds -- Part of the Class 532-570 Series	105	11	11	5	15	24	18	34	31	19	31	20	25	17	14	22	21	13	17	20	24	22	519
540	Organic Compounds -- Part of the Class 532-570 Series	53	2	3	1	3	1	8	2	5	0	3	3	2	3	0	3	2	1	1	1	2	2	101
544	Organic Compounds -- Part of the Class 532-570 Series	68	3	6	6	4	3	2	2	4	3	1	3	3	5	5	5	1	0	0	5	9	4	142
546	Organic Compounds -- Part of the Class 532-570 Series	56	2	7	7	3	8	8	6	6	6	5	3	10	4	6	11	3	11	8	11	10	6	197
548	Organic Compounds -- Part of the Class 532-570 Series	67	7	4	4	5	6	2	4	7	2	2	3	3	2	3	4	4	2	3	6	10	4	154
549	Organic Compounds -- Part of the Class 532-570 Series	73	2	9	3	1	1	7	6	7	5	10	9	4	2	5	6	7	2	2	1	1	4	167
552	Organic Compounds -- Part of the Class 532-570 Series	29	1	0	0	1	0	0	1	2	0	1	1	1	2	0	0	1	0	0	0	1	3	44
554	Organic Compounds -- Part of the Class 532-570 Series	45	3	2	7	4	3	3	4	3	4	6	9	8	4	3	4	5	2	3	0	6	5	133
556	Organic Compounds -- Part of the Class 532-570 Series	52	4	5	2	6	6	6	3	8	3	4	2	9	2	3	1	5	5	1	2	4	3	136
558	Organic Compounds -- Part of the Class 532-570 Series	48	2	3	1	2	5	1	4	4	3	1	2	0	1	0	4	2	0	1	1	3	1	89
560	Organic Compounds -- Part of the Class 532-570 Series	70	4	3	5	6	5	6	4	4	1	7	7	4	3	0	1	3	3	2	3	1	4	146
	Organic Compounds -- Part of the Class																							

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
562	532-570 Series	62	3	9	5	3	4	8	5	4	5	6	6	8	2	2	4	5	2	0	5	2	4	154
564	Organic Compounds -- Part of the Class 532-570 Series	53	6	2	2	10	3	4	3	2	5	10	7	3	2	2	6	4	1	0	3	3	6	137
568	Organic Compounds -- Part of the Class 532-570 Series	92	9	5	5	4	6	3	10	13	6	6	4	7	6	2	3	4	3	2	11	6	1	208
570	Organic Compounds -- Part of the Class 532-570 Series	18	5	0	0	0	1	4	2	3	1	5	0	0	0	0	0	2	0	0	1	2	0	44
585	Chemistry of Hydrocarbon Compounds	87	6	7	1	6	10	8	17	12	8	11	4	8	4	6	5	1	6	4	4	12	8	235
588	Hazardous or Toxic Waste Destruction or Containment	107	6	10	15	17	16	22	18	16	11	5	6	3	2	3	2	2	4	4	3	7	6	285
600	Surgery	2022	196	230	247	269	216	201	374	301	327	267	328	264	178	147	180	128	132	123	171	178	236	6715
601	Surgery: Kinesitherapy	569	67	41	36	60	51	40	73	43	49	69	50	49	45	41	68	66	47	23	33	40	61	1621
602	Surgery: Splint, Brace, or Bandage	776	62	56	62	76	58	71	121	102	109	80	70	95	63	63	69	32	36	45	76	76	62	2260
604	Surgery	2490	327	351	400	335	297	286	360	271	260	242	245	302	196	139	135	101	106	97	192	174	239	7545
606	Surgery	1682	230	252	289	275	310	393	438	433	394	328	277	320	188	149	146	145	82	103	166	189	295	7084
607	Surgery: Light, Thermal, and Electrical Application	535	54	47	47	58	60	43	74	74	84	84	75	75	59	48	45	57	33	28	42	57	76	1755
623	Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor	864	105	82	89	78	125	96	116	118	136	157	148	147	136	98	105	71	55	63	91	98	118	3096
700	Data Processing: Generic Control Systems or Specific Applications	249	31	26	36	29	51	35	52	45	45	55	60	84	74	64	77	58	65	50	64	93	96	1439
701	Data Processing: Vehicles, Navigation, and Relative Location	112	15	15	18	28	20	20	30	31	37	67	67	54	48	64	48	46	46	44	65	82	101	1058
702	Data Processing: Measuring, Calibrating, or Testing	213	18	24	29	15	37	37	42	45	39	43	67	83	89	66	77	76	77	55	73	62	81	1348
703	Data Processing: Structural Design, Modeling, Simulation, and Emulation	20	5	4	4	4	6	15	15	14	9	12	19	11	9	20	38	25	27	22	30	26	31	366
704	Data Processing: Speech Signal Processing, Linguistics, Language Translation, and Audio Compression/Decompression	88	13	9	14	12	12	15	35	35	18	37	28	19	23	12	31	26	30	23	43	32	54	609
705	Data Processing: Financial, Business Practice, Management, or Cost/Price Determination	122	23	33	34	14	31	47	82	144	118	70	75	81	61	114	192	149	196	249	434	407	480	3156
706	Data Processing: Artificial Intelligence	22	5	7	7	14	15	11	36	16	21	19	22	28	21	11	22	16	17	34	70	60	50	524
707	Data Processing: Database and File Management or Data Structures	20	2	8	13	16	14	21	49	56	42	44	56	76	81	55	70	79	73	72	162	136	175	1320
708	Electrical Computers: Arithmetic Processing and Calculating	183	13	22	16	10	18	14	17	17	13	9	14	10	12	10	13	9	9	14	12	15	10	460
709	Electrical Computers and Digital Processing Systems: Multicomputer Data Transferring	11	2	5	1	7	14	9	41	34	46	46	52	44	65	54	74	77	56	108	184	132	122	1184
710	Electrical Computers and Digital Data Processing Systems: Input/Output	55	4	7	6	8	12	15	21	18	23	16	12	23	16	15	21	17	11	27	25	24	17	393
	Electrical Computers and Digital																							

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
711	Processing Systems: Memory	54	5	7	7	10	13	15	16	11	12	11	10	15	14	13	26	18	28	31	36	34	39	425
712	Electrical Computers and Digital Processing Systems: Processing Architectures and Instruction Processing (e.g., Processors)	45	5	7	3	7	11	12	19	9	4	9	6	5	2	4	10	7	7	11	18	21	11	233
713	Electrical Computers and Digital Processing Systems: Support	46	8	9	11	10	14	18	23	14	21	24	18	16	16	23	45	34	33	46	86	47	60	622
714	Error Detection/Correction and Fault Detection/Recovery	86	9	4	14	15	14	16	20	13	10	19	11	23	24	19	20	38	26	60	58	27	22	548
715	Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing	53	12	14	13	14	14	25	35	38	24	40	23	29	30	32	64	49	35	37	87	48	63	779
716	Computer-Aided Design and Analysis of Circuits and Semiconductor Masks	3	1	0	2	2	3	4	6	4	2	13	16	22	18	10	23	28	26	30	45	13	19	290
717	Data Processing: Software Development, Installation, and Management	9	2	0	4	6	7	5	7	16	12	14	11	7	10	10	9	12	14	16	36	26	30	263
718	Electrical Computers and Digital Processing Systems: Virtual Machine Task or Process Management or Task Management/Control	3	0	1	2	5	1	2	6	3	5	2	0	0	1	3	2	2	5	6	3	10	7	69
719	Electrical Computers and Digital Processing Systems: Interprogram Communication or Interprocess Communication (Ipc)	1	0	1	0	2	1	1	4	0	2	2	4	6	3	2	6	0	4	6	14	6	7	72
720	Dynamic Optical Information Storage or Retrieval	10	1	0	0	3	3	1	5	4	5	2	6	7	7	8	6	1	7	7	4	6	4	97
725	Interactive Video Distribution Systems	65	7	3	10	7	18	9	16	24	12	19	12	11	11	6	12	8	7	15	32	37	45	386
726	Information Security	16	3	0	5	2	3	4	11	15	16	15	11	11	13	17	31	20	15	33	41	46	60	388
800	Multicellular Living Organisms and Unmodified Parts Thereof and Related Processes	14	0	2	3	5	2	8	27	24	13	14	18	14	16	15	16	15	20	12	18	12	14	282
850	Scanning-Probe Techniques or Apparatus; Applications of Scanning-Probe Techniques, e.g., Scanning Probe Microscopy [Spm]	8	2	1	2	1	6	3	3	2	1	1	0	4	3	1	0	0	0	0	2	2	3	45
D01	Edible Products	88	8	12	13	8	17	19	20	24	25	28	14	7	26	12	13	13	22	20	19	22	14	444
D02	Apparel and Haberdashery	983	70	149	156	165	175	167	275	232	184	144	193	168	150	120	159	208	271	297	354	301	333	5254
D03	Travel Goods and Personal Belongings	1287	163	219	217	203	206	200	267	288	249	227	214	212	185	166	262	231	243	235	282	242	261	6059
D04	Brushware	282	35	57	39	62	62	43	62	46	76	72	88	52	31	26	52	30	60	27	49	31	37	1319
D05	Textile or Paper Yard Goods; Sheet Material	51	5	5	2	6	2	9	9	6	14	18	5	16	9	5	12	11	16	10	11	15	32	269
D06	Furnishings	3886	383	542	433	577	531	478	612	570	648	588	622	520	408	308	428	593	479	483	462	429	556	14536
D07	Equipment for Preparing or Serving Food or Drink Not Elsewhere Specified	1785	179	254	241	231	313	202	281	243	318	295	226	288	263	190	347	322	351	321	373	307	371	7701
D08	Tools and Hardware	2412	297	386	354	404	356	305	454	394	482	363	310	422	376	250	399	450	485	415	385	305	371	10375
D09	Packages and Containers for Goods	963	96	128	129	131	141	142	135	131	165	169	137	168	114	104	141	168	190	197	201	158	176	4084

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
D10	Measuring, Testing, or Signalling Instruments	1330	147	241	244	238	171	160	240	235	202	179	177	143	157	131	152	184	213	158	135	119	110	5066
D11	Jewelry, Symbolic Insignia, and Ornaments	1397	111	145	163	171	153	161	185	176	202	213	210	166	164	153	198	215	251	200	204	191	221	5250
D12	Transportation	1758	242	254	251	234	299	244	338	254	333	247	221	253	285	237	277	317	331	314	291	213	243	7436
D13	Equipment for Production, Distribution, or Transformation of Energy	326	44	53	55	64	47	60	68	96	100	92	99	100	55	37	82	85	119	108	66	85	101	1942
D14	Recording, Communication, or Information Retrieval Equipment	860	87	139	115	147	151	148	177	166	218	168	168	177	159	89	154	168	166	167	174	168	187	4153
D15	Machines Not Elsewhere Specified	707	103	101	62	116	78	65	87	55	67	59	57	77	79	58	103	131	89	94	107	75	100	2470
D16	Photography and Optical Equipment	338	49	43	53	42	74	58	75	70	94	48	58	86	47	45	46	87	71	79	67	73	67	1670
D17	Musical Instruments	307	27	28	27	25	19	19	33	35	22	35	20	32	21	18	38	22	47	26	36	34	29	900
D18	Printing and Office Machinery	221	16	21	13	11	18	12	17	17	25	16	24	20	12	11	43	27	27	39	10	18	3	621
D19	Office Supplies; Artists' and Teachers' Materials	821	93	118	119	138	96	112	144	123	133	124	91	106	110	88	83	98	144	91	65	104	73	3074
D20	Sales and Advertising Equipment	351	34	56	56	57	40	75	85	62	64	54	22	70	55	35	41	47	34	47	55	64	89	1493
D21	Games, Toys, and Sports Goods	3397	392	386	436	427	379	385	557	405	455	434	341	299	273	260	354	314	358	273	291	321	291	11028
D22	Arms, Pyrotechnics, Hunting and Fishing Equipment	747	66	89	96	103	114	81	86	111	92	86	100	93	72	71	108	115	88	109	122	134	133	2816
D23	Environmental Heating and Cooling; Fluid Handling and Sanitary Equipment	1448	159	145	201	205	154	155	212	211	256	196	197	204	192	193	251	230	278	179	233	198	156	5653
D24	Medical and Laboratory Equipment	1276	160	184	188	188	186	178	213	192	200	233	190	163	108	84	145	213	214	204	312	243	184	5258
D25	Building Units and Construction Elements	825	53	78	105	84	93	109	115	128	137	115	139	126	124	107	80	130	122	116	159	89	117	3151
D26	Lighting	736	88	84	128	136	174	146	209	162	253	311	261	249	199	135	228	283	288	233	203	222	170	4898
D27	Tobacco and Smokers' Supplies	218	4	7	14	18	19	17	44	49	34	35	34	36	35	35	57	57	40	22	31	19	20	845
D28	Cosmetic Products and Toilet Articles	687	35	66	86	75	74	91	89	84	160	134	93	102	98	61	77	63	71	80	90	109	103	2528
D29	Equipment for Safety, Protection, and Rescue	244	33	46	49	62	59	46	41	47	55	31	52	40	40	23	40	75	65	56	42	57	81	1284
D30	Animal Husbandry	585	62	88	83	77	83	92	69	74	119	61	59	64	61	68	86	78	106	86	120	106	129	2356
D32	Washing, Cleaning, or Drying Machine	441	39	54	82	89	70	85	86	67	64	49	57	68	40	30	50	88	85	64	70	67	76	1821
D34	Material or Article Handling Equipment	535	111	115	94	98	65	56	101	70	79	68	67	83	58	34	119	121	66	82	64	89	81	2256
D99	Miscellaneous	184	24	34	28	42	29	37	39	33	38	54	30	62	44	27	36	29	19	14	45	28	31	907
PLT	Plants	1233	75	101	97	78	83	91	124	101	91	125	261	232	156	105	199	163	268	270	231	187	213	4484
ALL	ALL CLASSES	244765	20838	21042	21804	22220	22852	21948	28126	27823	28133	26857	25399	24578	21809	18076	21543	19455	18369	17727	22123	20466	22375	718328

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 - 12/31/2012*

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
001	** Classification Undetermined **	7	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	0	0	11
002	Apparel	2759	308	254	268	272	363	400	472	549	472	456	390	278	299	246	274	193	165	132	249	262	258	9319
004	Baths, Closets, Sinks, and Spitoons	2522	218	247	271	217	204	225	271	347	277	273	299	253	222	168	176	160	135	86	159	190	216	7136
005	Beds	2657	288	244	244	243	281	262	294	292	298	253	222	234	244	230	209	143	168	168	199	185	196	7554
007	Compound Tools	455	39	62	56	38	51	41	53	51	63	67	45	38	48	37	47	47	18	20	28	25	27	1356
008	Bleaching and Dyeing; Fluid Treatment and Chemical Modification of Textiles and Fibers	357	18	26	26	24	28	21	28	35	31	27	18	25	13	13	12	15	11	10	17	11	16	782
012	Boot and Shoe Making	161	4	8	8	6	4	6	9	18	8	10	4	9	8	8	7	6	6	3	5	10	8	316
014	Bridges	229	18	13	16	26	27	19	15	24	21	11	24	22	28	21	22	22	16	14	16	19	21	644
015	Brushing, Scrubbing, and General Cleaning	3445	255	252	298	290	317	267	362	404	414	328	290	283	217	167	158	178	175	158	203	195	214	8870
016	Miscellaneous Hardware (e.g., Bushing, Carpet Fastener, Caster, Door Closer, Panel Hanger, Attachable or Adjunct Handle, Hinge, Window Sash Balance, Etc.)	1350	91	97	126	113	159	136	181	151	141	142	180	148	131	104	100	86	61	77	106	91	86	3857
019	Textiles: Fiber Preparation	197	9	8	17	17	8	12	9	16	13	16	18	5	2	0	4	5	4	4	4	5	3	376
023	Chemistry: Physical Processes	65	5	0	6	3	1	1	4	1	4	2	3	2	1	0	1	2	0	2	2	2	3	110
024	Buckles, Buttons, Clasps, Etc.	2682	219	185	202	201	224	240	244	240	240	243	217	240	163	121	150	125	114	108	143	137	168	6606
026	Textiles: Cloth Finishing	93	2	4	3	5	7	7	4	6	5	4	4	0	1	0	2	3	1	2	4	0	5	162
027	Undertaking	107	7	8	11	11	5	16	16	13	9	15	11	18	7	3	9	18	17	13	17	22	19	372
028	Textiles: Manufacturing	191	14	13	10	14	13	13	11	15	15	8	7	5	13	6	6	6	3	4	4	2	2	375
029	Metal Working	3992	254	284	247	240	224	252	232	224	257	259	258	238	223	192	221	178	124	127	161	196	235	8618
030	Cutlery	2530	190	180	192	184	209	167	218	232	220	197	201	190	177	130	136	116	70	81	101	105	97	5923
033	Geometrical Instruments	2990	238	185	184	230	192	151	206	170	205	205	189	206	216	208	165	171	144	161	170	160	128	6874
034	Drying and Gas or Vapor Contact with Solids	1116	76	89	79	77	69	71	79	103	107	71	67	51	52	49	46	34	43	19	27	36	53	2414
036	Boots, Shoes, and Leggings	1225	77	90	92	100	96	113	173	149	128	117	105	107	107	83	83	77	73	65	112	77	85	3334

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
037	Excavating	852	67	65	41	50	62	53	65	80	78	63	75	54	51	47	47	28	24	48	66	39	42	1997
038	Textiles: Ironing or Smoothing	229	15	14	17	12	19	15	14	23	20	19	12	9	19	11	8	21	9	11	14	3	10	524
040	Card, Picture, or Sign Exhibiting	2759	221	231	259	246	232	232	259	295	312	305	289	289	251	191	189	180	165	152	159	172	147	7535
042	Firearms	1123	74	79	102	108	90	100	108	99	69	103	126	140	114	84	77	86	81	79	112	126	159	3239
043	Fishing, Trapping, and Vermin Destroying	2929	257	242	262	188	251	164	167	307	251	187	218	240	202	156	152	119	123	133	162	115	126	6951
044	Fuel and Related Compositions	342	17	18	19	16	16	11	13	19	29	23	19	19	18	14	12	9	13	20	19	16	21	703
047	Plant Husbandry	1532	122	124	143	143	135	103	150	137	168	139	136	126	73	86	87	56	50	64	116	69	108	3867
048	Gas: Heating and Illuminating	354	11	4	10	14	6	5	8	11	12	8	3	8	10	9	10	9	4	12	13	17	19	557
049	Movable or Removable Closures	1416	96	70	92	108	127	104	104	120	127	111	99	85	94	69	87	56	37	50	65	33	81	3231
051	Abrasive Tool Making Process, Material, or Composition	161	22	18	15	14	10	22	7	7	11	6	9	7	8	5	3	6	6	5	5	8	11	366
052	Static Structures (e.g., Buildings)	6764	426	451	494	479	579	587	701	643	630	686	607	564	505	419	376	285	270	337	506	459	524	17292
053	Package Making	1288	78	79	70	91	93	83	98	94	81	77	66	68	77	70	47	39	57	57	52	50	48	2763
054	Harness for Working Animal	218	28	19	22	20	15	11	26	14	30	25	33	38	25	13	26	23	26	17	10	10	18	667
055	Gas Separation	1127	105	91	49	71	72	55	90	93	80	85	71	67	76	49	50	46	41	46	51	57	45	2517
056	Harvesters	1348	106	95	94	118	96	54	84	100	95	70	77	64	60	68	53	27	38	36	53	40	49	2825
057	Textiles: Spinning, Twisting, and Twining	457	34	41	39	16	13	25	36	25	14	22	12	7	11	3	6	4	5	6	3	11	3	793
059	Chain, Staple, and Horseshoe Making	165	5	6	13	13	8	14	5	11	8	8	8	14	10	15	11	9	8	7	4	2	8	352
060	Power Plants	2369	114	121	101	95	89	93	130	118	116	132	123	108	120	113	151	95	75	79	107	124	102	4675
062	Refrigeration	2240	163	189	188	165	174	154	202	196	212	241	240	208	164	119	128	139	97	79	125	112	100	5635
063	Jewelry	374	48	39	25	49	39	47	39	38	41	33	42	47	34	28	35	31	35	18	24	18	34	1118
065	Glass Manufacturing	327	19	20	17	15	8	11	15	25	13	17	26	19	16	15	10	9	8	7	3	8	6	614
066	Textiles: Knitting	273	15	16	10	14	16	16	21	17	25	23	16	8	12	14	13	7	4	11	13	13	6	563
068	Textiles: Fluid Treating Apparatus	334	22	20	20	29	25	14	26	24	25	21	27	22	10	7	5	5	14	8	9	7	10	684
069	Leather Manufactures	66	1	0	1	1	2	1	2	0	1	2	2	2	2	1	0	1	1	1	2	0	1	90
070	Locks	1945	149	155	153	167	161	165	220	224	170	128	178	163	141	125	105	97	94	88	71	77	78	4854
071	Chemistry: Fertilizers	263	25	14	17	20	18	25	23	24	17	25	32	24	16	9	7	6	9	8	18	18	18	636
072	Metal Deforming	1597	69	78	73	63	80	91	107	101	96	79	60	64	62	53	94	78	48	46	40	36	66	3081
073	Measuring and Testing	4507	285	285	292	305	337	270	335	310	275	287	304	315	271	239	253	234	259	191	188	187	209	10138
074	Machine Element or Mechanism	2971	226	196	197	185	210	183	200	226	196	171	151	137	112	95	108	110	67	79	75	75	90	6060
075	Specialized Metallurgical Processes, Compositions for Use Therein, Consolidated Metal Powder Compositions, and Loose Metal Particulate Mixtures	474	25	22	32	32	20	20	29	23	19	37	34	23	17	8	12	11	9	12	17	10	14	900
076	Metal Tools and Implements, Making	355	28	21	14	22	17	27	15	16	26	13	12	10	7	7	9	6	5	10	1	6	8	635
079	Button Making	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	3
081	Tools	2121	160	183	179	143	186	149	190	256	300	317	252	191	213	230	273	223	153	89	118	119	130	6175

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
082	Turning	429	30	19	22	10	22	30	35	26	19	28	21	38	21	18	16	11	7	4	15	14	9	844
083	Cutting	2246	172	141	123	102	115	102	136	147	138	119	83	120	134	84	103	84	53	57	71	67	58	4455
084	Music	1830	112	111	128	146	162	118	167	189	196	184	148	150	132	106	146	161	168	194	230	178	190	5146
086	Ammunition and Explosive-Charge Making	136	7	13	7	6	2	4	8	3	6	4	8	7	3	6	8	4	2	14	12	4	1	265
087	Textiles: Braiding, Netting, and Lace Making	59	3	7	5	0	5	7	5	9	3	3	6	5	5	1	3	5	2	1	2	1	1	138
089	Ordnance	500	44	49	43	49	34	47	46	48	37	54	53	59	57	55	45	50	55	47	69	80	102	1623
091	Motors: Expansible Chamber Type	847	42	42	40	19	21	26	25	18	20	20	15	19	17	9	14	16	10	9	6	6	7	1248
092	Expansible Chamber Devices	906	46	49	59	46	38	25	40	36	38	40	38	32	18	19	15	25	17	17	15	18	15	1552
095	Gas Separation: Processes	467	48	46	30	41	51	46	37	47	32	51	50	41	29	40	27	19	31	21	41	52	55	1302
096	Gas Separation: Apparatus	892	75	65	41	41	56	54	56	74	57	75	74	49	61	52	49	47	43	37	59	50	55	2062
099	Foods and Beverages: Apparatus	1840	130	144	147	179	173	182	215	212	223	231	156	136	132	98	116	72	73	51	94	80	118	4802
100	Presses	998	91	78	75	67	57	75	72	51	43	37	28	34	30	23	40	30	39	33	15	24	18	1958
101	Printing	967	69	67	78	84	53	55	83	64	69	71	54	57	66	38	55	27	20	25	23	30	23	2078
102	Ammunition and Explosives	480	50	44	37	43	24	30	31	37	18	46	41	43	39	36	37	36	31	34	29	44	49	1259
104	Railways	613	36	33	32	47	36	41	39	34	26	34	42	43	35	29	21	12	22	33	26	30	30	1294
105	Railway Rolling Stock	473	26	28	21	24	26	22	26	13	20	27	18	19	13	18	15	12	10	11	14	19	16	871
106	Compositions: Coating or Plastic	1000	64	82	95	76	66	73	83	78	69	69	63	79	67	38	38	41	28	27	47	49	54	2286
108	Horizontally Supported Planar Surfaces	1488	134	89	128	125	145	143	161	146	189	145	124	122	128	85	91	58	69	74	72	77	112	3905
109	Safes, Bank Protection, or a Related Device	291	9	16	15	14	11	17	22	21	18	6	22	12	6	9	10	10	12	8	14	10	10	563
110	Furnaces	822	53	62	76	44	41	34	44	37	37	36	31	21	20	21	25	8	19	15	18	18	27	1509
111	Planting	425	26	18	27	32	36	27	22	29	33	42	25	30	21	20	26	9	19	26	26	17	13	949
112	Sewing	488	35	26	22	27	31	29	46	43	35	40	31	18	24	22	24	14	15	12	13	12	18	1025
114	Ships	2728	199	199	199	182	198	191	212	221	233	193	179	191	150	209	207	166	136	131	122	132	146	6524
116	Signals and Indicators	1359	86	98	118	95	110	93	85	118	117	97	94	85	84	64	79	61	65	56	65	51	56	3136
117	Single-Crystal, Oriented-Crystal, and Epitaxy Growth Processes; Non-Coating Apparatus Therefor	123	7	5	8	13	7	6	16	9	12	9	5	7	6	3	6	11	17	8	6	8	11	303
118	Coating Apparatus	1104	69	76	84	79	67	77	94	92	71	73	63	61	59	35	43	26	27	29	36	41	23	2329
119	Animal Husbandry	2225	263	212	222	202	237	227	342	290	276	257	312	303	232	211	236	200	140	133	184	205	206	7115
122	Liquid Heaters and Vaporizers	673	22	22	38	22	27	21	28	31	27	29	16	34	21	18	17	12	13	18	19	15	16	1139
123	Internal-Combustion Engines	3242	199	181	178	165	178	160	194	182	162	231	176	182	170	156	180	160	148	123	143	127	131	6768
124	Mechanical Guns and Projectors	841	76	79	82	91	87	105	82	72	73	76	75	98	101	69	72	66	56	61	100	69	83	2514
125	Stone Working	249	18	15	13	14	13	20	15	16	26	21	15	22	27	25	29	16	14	8	10	6	9	601
126	Stoves and Furnaces	4173	125	157	145	137	150	124	152	176	183	151	94	126	117	103	71	41	32	53	79	101	96	6586
127	Sugar, Starch, and Carbohydrates	74	12	5	7	8	5	4	7	10	6	5	6	2	3	2	2	3	1	0	5	7	3	177

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
128	Surgery	2727	317	298	369	368	374	345	437	369	372	327	296	312	266	225	235	156	129	122	176	196	213	8629
131	Tobacco	530	29	10	20	22	27	29	51	43	42	18	22	24	29	10	12	10	6	12	13	17	24	1000
132	Toilet	1083	97	97	115	102	129	127	200	247	181	133	108	103	78	38	70	84	57	48	49	77	102	3325
134	Cleaning and Liquid Contact with Solids	1324	120	109	110	137	125	104	140	182	158	132	133	104	80	68	58	58	53	58	61	79	56	3449
135	Tent, Canopy, Umbrella, or Cane	943	89	109	139	101	128	133	137	121	132	161	119	119	126	105	81	105	100	89	100	112	92	3341
136	Batteries: Thermoelectric and Photoelectric	469	23	19	22	24	26	24	26	18	27	22	23	17	24	16	14	10	2	20	24	42	56	948
137	Fluid Handling	4472	344	311	335	264	259	266	309	365	372	359	236	238	208	206	213	174	139	119	176	129	180	9674
138	Pipes and Tubular Conduits	1281	84	74	75	76	74	58	81	112	101	86	82	64	62	50	48	34	35	51	47	47	48	2670
139	Textiles: Weaving	258	16	12	15	23	15	11	15	12	12	12	9	1	15	8	10	2	3	3	8	4	7	471
140	Wireworking	236	8	8	13	12	12	10	15	17	12	13	5	9	6	11	14	8	4	6	3	8	3	433
141	Fluent Material Handling, with Receiver or Receiver Coacting Means	1268	104	102	115	120	124	98	108	140	129	129	116	94	115	91	71	69	48	53	77	75	67	3313
142	Wood Turning	46	5	2	3	4	3	5	3	6	4	2	0	5	0	0	2	1	0	1	0	2	0	94
144	Woodworking	1307	97	74	82	72	68	82	82	96	89	81	83	84	60	44	66	49	37	41	50	56	27	2727
147	Coopering	5	0	0	0	1	0	1	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	10
148	Metal Treatment	362	36	32	39	29	16	23	26	26	30	39	36	44	36	13	11	8	13	14	12	10	16	871
149	Explosive and Thermic Compositions or Charges	100	2	4	5	3	8	5	7	2	2	3	1	4	3	5	2	0	0	2	3	5	6	172
150	Purses, Wallets, and Protective Covers	393	40	45	43	46	57	52	63	66	76	74	57	45	39	30	34	28	31	28	29	24	38	1338
152	Resilient Tires and Wheels	445	23	29	34	19	24	20	27	29	28	27	25	36	22	25	30	21	14	16	21	17	25	957
156	Adhesive Bonding and Miscellaneous Chemical Manufacture	2926	207	189	205	225	184	176	238	232	205	230	188	190	162	98	103	95	70	69	115	120	115	6342
157	Wheelwright Machines	116	8	6	4	5	6	3	4	5	7	8	3	3	2	8	5	5	6	4	3	4	7	222
159	Concentrating Evaporators	210	10	14	11	14	7	11	15	9	5	7	13	6	11	9	7	3	8	9	10	11	9	409
160	Flexible or Portable Closure, Partition, or Panel	1301	128	111	105	129	138	126	150	148	174	144	132	125	113	91	90	81	65	61	85	68	99	3664
162	Paper Making and Fiber Liberation	327	20	27	26	21	24	28	29	20	21	27	14	17	10	10	11	13	11	17	9	12	16	710
163	Needle and Pin Making	5	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	8
164	Metal Founding	635	22	32	34	25	34	23	28	16	11	31	41	30	14	17	20	8	12	6	10	17	15	1081
165	Heat Exchange	2312	115	99	118	103	107	67	125	115	103	143	107	94	127	82	95	70	58	42	61	58	70	4271
166	Wells	1264	116	89	107	91	89	76	111	90	118	153	102	106	92	73	102	102	99	79	130	101	112	3402
168	Farriery	94	14	11	5	2	6	8	7	5	12	9	11	10	7	9	3	7	6	12	7	0	5	250
169	Fire Extinguishers	354	38	26	24	19	38	41	41	58	54	39	42	31	25	27	28	24	15	20	27	19	18	1008
171	Unearthing Plants or Buried Objects	121	9	10	13	4	3	2	5	5	6	3	5	1	2	3	6	0	1	2	5	0	0	206
172	Earth Working	1398	68	64	67	95	82	67	97	84	89	75	68	62	46	49	49	17	18	32	43	37	40	2647
173	Tool Driving or Impacting	593	38	24	31	30	34	23	41	36	46	30	24	39	39	30	27	27	22	14	21	18	25	1212
174	Electricity: Conductors and Insulators	1175	94	90	90	76	90	87	147	133	108	155	160	125	141	144	129	96	99	110	105	90	79	3523

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
175	Boring or Penetrating the Earth	1153	84	61	61	73	68	48	74	67	69	72	67	76	57	52	65	78	71	70	94	62	69	2591
177	Weighing Scales	421	24	26	16	16	11	20	30	19	18	19	22	26	22	11	14	25	15	19	12	9	9	804
178	Telegraphy	106	4	6	4	4	11	5	9	6	8	4	6	7	0	4	2	4	3	4	3	7	7	214
180	Motor Vehicles	1946	127	114	146	141	150	118	142	164	146	138	168	149	122	144	144	129	127	112	156	137	137	4857
181	Acoustics	875	58	69	52	44	47	51	66	79	79	53	63	63	46	48	30	27	41	50	40	66	56	2003
182	Fire Escape, Ladder, or Scaffold	1730	150	99	134	101	112	111	154	166	152	100	124	113	142	105	117	96	50	41	62	73	95	4027
184	Lubrication	408	37	37	39	53	55	28	35	41	40	46	30	25	22	19	17	14	11	6	12	7	12	994
185	Motors: Spring, Weight, or Animal Powered	82	4	2	1	1	4	5	2	4	6	5	5	4	2	5	1	1	1	2	3	2	2	144
186	Merchandising	67	9	4	3	11	7	6	5	8	4	5	6	3	6	0	4	2	0	1	2	4	0	157
187	Elevator, Industrial Lift Truck, or Stationary Lift for Vehicle	289	27	28	37	25	30	27	24	36	25	21	26	25	13	12	21	25	16	14	17	18	30	786
188	Brakes	1224	71	79	97	98	104	85	111	108	110	91	115	75	67	65	66	47	48	39	41	45	37	2823
190	Trunks and Hand-Carried Luggage	403	41	40	36	48	58	49	50	55	43	50	52	45	24	26	22	23	23	23	22	25	28	1186
191	Electricity: Transmission To Vehicles	127	9	5	12	8	6	10	9	9	14	21	18	10	6	9	5	4	3	5	1	7	4	302
192	Clutches and Power-Stop Control	702	45	34	40	31	67	46	32	59	49	44	36	38	30	28	30	19	18	12	18	10	16	1404
193	Conveyors, Chutes, Skids, Guides, and Ways	264	16	19	10	16	11	9	10	11	17	18	19	9	5	5	12	8	10	6	9	8	3	495
194	Check-Actuated Control Mechanisms	243	16	18	14	21	23	16	12	17	10	15	9	11	8	4	8	6	4	5	10	5	4	479
196	Mineral Oils: Apparatus	54	2	2	4	4	3	1	9	8	1	6	3	1	1	1	0	1	0	0	2	0	1	104
198	Conveyors: Power-Driven	1804	135	111	117	84	76	76	89	82	101	103	104	80	72	55	60	52	59	42	63	52	41	3458
200	Electricity: Circuit Makers and Breakers	1685	104	93	95	92	95	93	119	103	80	64	81	72	77	61	61	68	51	42	46	44	45	3271
201	Distillation: Processes, Thermolytic	155	10	3	6	7	3	3	5	4	4	3	3	3	4	1	5	1	2	4	8	6	8	248
202	Distillation: Apparatus	487	17	21	19	21	16	21	23	18	21	10	20	12	12	8	12	5	11	13	18	17	21	823
203	Distillation: Processes, Separatory	455	35	39	25	52	19	30	40	28	18	12	24	11	8	10	8	2	8	10	13	12	14	873
204	Chemistry: Electrical and Wave Energy	1215	108	88	94	117	86	88	92	75	103	135	84	73	74	50	38	36	55	30	57	53	76	2827
205	Electrolysis: Processes, Compositions Used Therein, and Methods of Preparing the Compositions	645	49	51	63	54	42	39	51	42	47	68	52	30	37	21	26	31	21	20	27	28	52	1496
206	Special Receptacle or Package	4934	461	494	457	448	431	441	626	590	582	494	416	394	333	296	250	249	240	234	300	295	330	13295
208	Mineral Oils: Processes and Products	325	19	12	15	15	26	12	18	30	15	19	11	14	9	4	10	7	10	11	16	13	18	629
209	Classifying, Separating, and Assorting Solids	1120	75	97	74	65	53	57	59	72	59	50	54	37	40	40	37	25	28	31	34	34	26	2167
210	Liquid Purification or Separation	4009	403	372	325	334	368	343	367	399	368	420	337	306	273	252	241	235	221	210	271	251	254	10559
211	Supports: Racks	2500	251	221	214	196	262	220	300	287	284	238	216	222	180	166	159	123	99	103	119	186	148	6694
212	Traversing Hoists	368	17	19	17	23	25	19	25	28	34	22	25	23	15	18	12	17	21	14	17	15	10	784
213	Railway Draft Appliances	48	3	0	2	0	2	0	2	1	3	4	2	1	5	2	5	1	1	1	2	3	1	89
215	Bottles and Jars	1313	97	92	87	103	90	96	101	112	121	96	88	73	64	55	49	40	34	50	63	62	85	2971

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
216	Etching a Substrate: Processes	193	17	11	21	24	11	10	17	14	13	18	23	23	27	11	15	10	18	9	7	10	8	510
217	Wooden Receptacles	161	8	9	8	4	5	6	7	4	7	6	4	5	1	3	3	1	3	1	7	2	4	259
218	High-Voltage Switches with Arc Preventing or Extinguishing Devices	39	1	3	3	1	6	1	1	1	3	4	0	0	2	0	1	0	0	1	0	0	2	69
219	Electric Heating	2458	156	167	154	169	153	148	206	200	257	191	172	164	182	134	152	111	73	77	92	85	110	5611
220	Receptacles	3844	385	414	368	346	389	328	417	437	429	390	350	319	274	222	241	195	179	203	247	252	314	10543
221	Article Dispensing	929	81	70	78	65	76	49	81	76	72	77	102	87	61	52	66	40	43	42	51	48	44	2290
222	Dispensing	3602	309	293	325	292	296	250	291	383	308	308	283	206	231	214	221	145	131	110	168	141	178	8685
223	Apparel Apparatus	545	45	30	29	32	47	64	51	60	75	64	36	24	39	24	29	39	30	13	33	26	33	1368
224	Package and Article Carriers	2569	248	266	267	290	308	303	335	347	314	297	248	241	214	138	130	136	76	96	158	139	171	7291
225	Severing by Tearing or Breaking	300	32	14	17	15	22	10	22	23	23	11	16	27	17	19	14	14	11	12	14	5	7	645
226	Advancing Material of Indeterminate Length	424	11	17	10	18	14	14	17	14	10	11	7	4	6	4	4	5	5	1	3	3	6	608
227	Elongated-Member-Driving Apparatus	452	30	37	31	33	26	36	30	35	37	28	41	37	37	35	28	22	11	17	16	19	9	1047
228	Metal Fusion Bonding	643	43	43	30	42	39	32	26	41	42	43	34	39	33	25	17	9	10	16	16	19	14	1256
229	Envelopes, Wrappers, and Paperboard Boxes	1182	104	105	98	95	78	85	115	106	107	104	83	73	37	57	45	43	27	20	45	46	34	2689
231	Whips and Whip Apparatus	17	3	0	1	0	0	1	0	1	3	0	1	1	2	1	1	1	3	2	2	1	1	42
232	Deposit and Collection Receptacles	376	25	27	18	39	23	29	19	30	24	21	14	20	24	22	32	41	30	20	14	14	13	875
234	Selective Cutting (e.g., Punching)	10	2	0	0	0	0	0	2	1	0	1	0	0	1	0	1	0	1	1	1	0	0	21
235	Registers	876	55	54	67	93	84	76	80	118	119	73	100	129	128	89	138	131	118	100	139	132	144	3043
236	Automatic Temperature and Humidity Regulation	687	33	27	38	29	20	18	25	25	39	24	32	25	22	20	21	18	21	11	20	22	22	1199
237	Heating Systems	769	19	24	20	12	18	15	14	30	29	23	15	20	18	9	10	8	3	8	4	9	7	1084
238	Railways: Surface Track	198	17	13	9	15	20	10	22	12	12	15	13	14	10	8	8	5	6	2	9	9	8	435
239	Fluid Sprinkling, Spraying, and Diffusing	2767	195	202	252	168	139	191	249	265	292	221	214	205	181	146	168	112	114	93	152	137	118	6581
241	Solid Material Comminution or Disintegration	1123	90	128	107	99	96	83	95	116	87	59	74	85	61	52	64	70	58	79	72	86	74	2858
242	Winding, Tensioning, or Guiding	1872	97	112	115	97	114	118	128	156	133	122	142	125	84	85	86	70	99	63	74	60	56	4008
244	Aeronautics and Astronautics	1281	127	103	87	67	81	59	107	110	120	119	129	122	113	91	99	72	53	71	78	101	110	3300
245	Wire Fabrics and Structure	18	0	3	2	1	2	2	0	3	1	1	1	0	2	2	2	1	1	0	0	0	1	43
246	Railway Switches and Signals	83	3	8	7	14	6	9	15	8	16	16	15	16	9	5	5	9	9	8	10	9	10	290
248	Supports	6337	661	569	577	548	604	551	749	673	741	651	659	607	508	397	411	413	315	400	493	418	417	17699
249	Static Molds	930	48	44	57	35	45	61	60	51	49	50	49	42	33	30	39	29	12	20	23	25	25	1757
250	Radiant Energy	2028	166	146	124	173	148	153	175	169	141	142	138	170	154	109	155	133	130	130	153	135	134	5106
251	Valves and Valve Actuation	2019	165	141	153	138	117	107	124	138	147	136	100	98	92	111	111	74	63	53	66	63	83	4299
252	Compositions	889	60	46	49	64	80	68	66	75	72	74	74	62	57	33	34	36	22	25	41	52	57	2036
	Implements or Apparatus for Applying																							

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
254	Pushing or Pulling Force	1551	99	114	96	102	89	101	95	132	137	124	106	119	105	98	110	89	77	60	89	71	96	3660
256	Fences	559	52	34	53	52	54	61	55	64	57	52	51	72	63	53	44	33	42	39	34	28	33	1585
257	Active Solid-State Devices (e.g., Transistors, Solid-State Diodes)	747	86	76	111	132	119	130	162	175	176	238	241	247	236	174	206	166	185	137	199	144	130	4217
258	Railway Mail Delivery	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6
260	Chemistry of Carbon Compounds	59	1	1	1	0	0	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	66
261	Gas and Liquid Contact Apparatus	1451	84	59	58	62	57	57	59	52	60	65	52	43	47	37	30	35	29	45	30	36	53	2501
264	Plastic and Nonmetallic Article Shaping or Treating: Processes	3048	225	260	250	209	226	202	269	234	225	206	196	193	159	100	120	94	49	73	117	113	107	6675
266	Metallurgical Apparatus	481	19	19	22	30	19	26	21	17	29	17	19	19	23	7	8	8	8	17	13	9	17	848
267	Spring Devices	651	36	33	43	38	42	28	37	45	27	30	44	27	31	19	28	24	24	20	13	12	20	1272
269	Work Holders	1517	121	96	95	73	109	77	106	113	109	92	86	95	77	50	68	51	32	36	44	59	81	3187
270	Sheet-Material Associating	131	5	6	9	5	5	3	7	3	9	4	3	4	5	9	3	3	3	0	5	6	0	228
271	Sheet Feeding or Delivering	475	33	33	19	29	21	11	19	18	20	14	16	13	9	10	10	7	6	8	13	9	6	799
273	Amusement Devices: Games	3631	307	295	359	325	302	303	371	322	287	297	303	290	207	162	183	176	155	151	167	141	147	8881
277	Seal for a Joint or Juncture	758	47	36	50	41	45	38	29	38	30	58	57	34	36	30	22	25	15	14	20	20	22	1465
278	Land Vehicles: Animal Draft Appliances	3	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	7
279	Chucks or Sockets	581	34	28	34	31	30	24	34	44	23	39	17	25	10	29	14	17	13	18	19	12	12	1088
280	Land Vehicles	5719	442	495	565	515	518	392	600	576	652	620	628	530	495	441	450	440	390	358	433	395	466	16120
281	Books, Strips, and Leaves	537	52	57	47	58	49	59	73	79	65	43	46	31	26	24	26	13	10	13	16	8	15	1347
283	Printed Matter	715	81	89	85	73	67	66	102	116	101	79	56	45	34	36	31	25	16	11	22	31	22	1903
285	Pipe Joints or Couplings	1801	126	116	134	109	95	96	121	156	110	105	97	103	84	67	70	64	79	51	70	46	62	3762
289	Knots and Knot Tying	101	5	3	4	7	7	12	5	8	7	12	8	6	6	5	5	2	3	6	4	6	9	231
290	Prime-Mover Dynamo Plants	649	19	10	24	30	13	18	34	23	36	37	32	22	69	64	79	73	90	82	109	141	166	1820
291	Track Sanders	19	2	0	0	0	3	0	0	1	2	1	2	1	1	4	1	0	0	1	1	1	0	40
292	Closure Fasteners	1468	122	85	88	90	115	110	99	114	107	75	111	102	75	68	69	72	56	44	49	54	52	3225
293	Vehicle Fenders	247	22	17	13	9	10	19	17	20	13	21	14	22	14	14	14	11	16	8	10	11	13	555
294	Handling: Hand and Hoist-Line Implements	2562	175	182	178	205	192	183	235	212	206	133	187	136	88	100	106	108	92	77	104	100	112	5673
295	Railway Wheels and Axles	24	1	0	0	2	3	1	0	2	1	2	1	2	1	0	0	0	1	0	0	0	1	42
296	Land Vehicles: Bodies and Tops	2082	188	161	155	154	184	168	216	210	257	260	192	204	211	169	184	175	145	135	147	124	144	5865
297	Chairs and Seats	2425	224	182	281	224	279	247	295	316	355	267	260	260	252	207	236	176	210	170	200	177	189	7432
298	Land Vehicles: Dumping	272	15	19	13	15	13	11	16	14	18	15	12	17	28	11	13	7	7	10	14	15	10	565
299	Mining or In Situ Disintegration of Hard Material	485	24	33	11	20	15	22	20	20	25	19	19	21	15	11	19	11	31	27	25	17	18	908
300	Brush, Broom, and Mop Making	60	5	5	5	6	2	6	6	6	1	6	1	5	2	1	2	3	3	0	1	3	4	133
301	Land Vehicles: Wheels and Axles	417	44	39	41	36	52	30	42	46	54	56	54	53	45	34	39	36	31	18	35	38	17	1257

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
303	Fluid-Pressure and Analogous Brake Systems	163	14	21	16	21	13	17	13	16	13	16	21	15	8	7	6	1	8	4	11	10	5	419
305	Wheel Substitutes for Land Vehicles	121	3	9	11	13	4	8	10	10	14	10	11	10	4	4	5	3	5	2	10	8	6	281
307	Electrical Transmission or Interconnection Systems	977	63	61	59	73	105	103	121	126	93	60	62	77	65	37	66	46	36	51	73	62	83	2499
310	Electrical Generator or Motor Structure	1101	79	77	66	72	69	69	104	101	90	106	94	85	116	87	87	56	68	78	94	92	101	2892
312	Supports: Cabinet Structure	1637	138	125	117	125	145	126	174	170	172	118	139	126	106	78	76	63	55	49	77	74	80	3970
313	Electric Lamp and Discharge Devices	486	30	21	22	32	39	27	41	58	37	47	42	49	42	32	44	25	28	29	38	36	41	1246
314	Electric Lamp and Discharge Devices: Consumable Electrodes	11	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	13
315	Electric Lamp and Discharge Devices: Systems	936	64	66	50	85	73	49	79	71	91	94	73	97	65	72	69	54	39	43	62	69	96	2397
318	Electricity: Motive Power Systems	902	45	49	65	69	62	44	71	52	64	55	49	39	35	36	37	34	32	45	35	43	53	1916
320	Electricity: Battery or Capacitor Charging or Discharging	223	29	41	28	19	36	42	42	46	47	54	46	44	38	27	23	25	16	30	47	51	69	1023
322	Electricity: Single Generator Systems	162	10	10	4	3	13	11	8	5	7	8	4	8	9	16	11	7	10	11	5	8	5	335
323	Electricity: Power Supply or Regulation Systems	318	23	20	18	11	25	19	27	21	30	30	39	21	17	20	17	17	8	17	20	14	24	756
324	Electricity: Measuring and Testing	1636	130	113	108	146	148	103	148	119	132	153	167	138	126	112	144	108	112	90	96	96	106	4231
326	Electronic Digital Logic Circuitry	65	11	9	18	8	11	12	15	11	9	12	18	12	13	11	10	19	18	24	38	17	22	383
327	Miscellaneous Active Electrical Nonlinear Devices, Circuits, and Systems	512	37	26	35	29	37	18	42	39	38	36	34	30	29	24	33	22	29	30	52	28	18	1178
329	Demodulators	54	4	3	3	8	4	2	2	3	3	2	2	0	2	0	1	2	1	4	2	1	2	105
330	Amplifiers	284	16	8	9	9	19	16	22	21	19	25	16	23	22	7	22	17	26	23	30	17	25	676
331	Oscillators	228	6	8	7	6	13	9	17	17	9	14	8	10	7	8	5	10	7	17	11	17	10	444
332	Modulators	63	2	2	3	7	6	2	2	5	5	4	7	1	2	3	3	7	0	5	5	4	2	140
333	Wave Transmission Lines and Networks	335	25	25	24	26	25	19	30	25	27	21	24	30	20	29	20	15	19	25	16	12	13	805
334	Tuners	24	0	0	0	2	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	30
335	Electricity: Magnetically Operated Switches, Magnets, and Electromagnets	426	20	25	27	21	29	26	23	31	24	25	19	28	23	33	26	22	21	17	20	19	31	936
336	Inductor Devices	219	11	10	15	15	19	13	17	17	12	10	12	18	28	21	24	14	5	11	13	8	15	527
337	Electricity: Electrothermally or Thermally Actuated Switches	272	15	10	7	10	11	18	21	27	22	20	18	23	16	9	18	13	7	9	15	8	10	579
338	Electrical Resistors	388	22	17	12	6	14	13	14	13	20	8	10	9	7	4	6	7	4	4	8	9	4	599
340	Communications: Electrical	4076	318	273	297	354	428	453	542	532	569	518	464	359	431	425	551	424	473	387	462	413	428	13177
341	Coded Data Generation or Conversion	390	30	38	23	37	40	56	54	50	53	51	57	52	36	39	44	45	38	42	53	27	27	1282
342	Communications: Directive Radio Wave Systems and Devices (e.g., Radar, Radio Navigation)	434	34	44	47	38	61	45	73	66	68	87	73	62	56	67	59	54	60	60	49	56	46	1639
343	Communications: Radio Wave Antennas	500	13	31	26	38	38	30	47	54	55	61	58	35	38	51	53	60	55	45	47	30	26	1391

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
345	Computer Graphics Processing and Selective Visual Display Systems	525	55	39	74	76	91	114	132	152	183	182	165	158	136	143	173	151	125	124	186	130	181	3295
346	Recorders	258	8	5	4	5	7	2	3	6	2	4	3	1	1	1	0	2	2	0	0	0	0	314
347	Incremental Printing of Symbolic Information	190	14	10	17	19	19	21	33	21	28	25	35	33	27	26	44	28	43	15	19	18	24	709
348	Television	1168	138	107	127	140	168	172	209	200	184	192	157	154	172	131	212	155	165	132	190	137	194	4604
349	Liquid Crystal Cells, Elements and Systems	132	17	8	7	26	23	17	16	16	16	25	17	23	19	28	20	10	15	15	21	26	23	520
351	Optics: Eye Examining, Vision Testing and Correcting	860	88	73	78	98	85	93	101	132	130	110	107	110	110	97	93	115	118	96	122	88	72	2976
352	Optics: Motion Pictures	368	18	19	11	13	16	15	17	22	11	11	10	12	16	4	10	8	6	7	12	6	9	621
353	Optics: Image Projectors	333	16	21	17	25	15	15	17	25	18	15	20	13	33	20	27	17	29	21	22	23	26	768
355	Photocopying	536	25	17	23	15	10	16	15	18	7	19	10	14	9	12	15	8	6	7	7	8	3	800
356	Optics: Measuring and Testing	1247	105	108	84	111	112	109	129	131	124	67	91	98	101	93	102	97	89	75	106	78	83	3340
358	Facsimile and Static Presentation Processing	239	32	22	34	43	41	30	36	56	33	19	30	31	34	20	56	42	31	64	80	46	40	1059
359	Optical: Systems and Elements	2229	186	160	160	152	146	120	186	202	189	217	224	184	171	169	186	147	143	122	157	122	121	5693
360	Dynamic Magnetic Information Storage or Retrieval	653	42	48	43	39	47	30	44	26	30	34	30	34	21	12	21	13	6	14	23	10	15	1235
361	Electricity: Electrical Systems and Devices	1489	131	109	102	140	146	149	204	173	193	197	193	190	211	158	148	153	152	144	186	155	144	4867
362	Illumination	2449	274	214	271	300	324	314	404	382	480	481	428	480	414	373	461	394	314	308	370	327	371	10133
363	Electric Power Conversion Systems	365	26	36	24	22	30	33	35	32	38	39	41	29	22	21	23	24	14	26	33	23	26	962
365	Static Information Storage and Retrieval	176	19	31	33	28	34	37	41	34	38	30	25	33	22	33	39	29	35	72	68	49	28	934
366	Agitating	1282	68	71	79	95	98	77	103	98	86	93	69	55	55	50	43	38	47	37	47	57	66	2714
367	Communications, Electrical: Acoustic Wave Systems and Devices	551	59	63	30	39	38	38	38	39	35	32	29	23	26	26	27	26	47	27	40	16	25	1274
368	Horology: Time Measuring Systems or Devices	672	56	58	65	37	38	53	62	55	52	66	67	47	59	40	55	39	48	37	42	44	34	1726
369	Dynamic Information Storage or Retrieval	425	23	25	24	42	28	32	42	27	35	29	30	35	21	18	27	15	13	29	34	23	17	994
370	Multiplex Communications	239	23	20	13	43	57	43	62	54	56	53	44	46	59	61	118	110	113	184	289	171	158	2016
372	Coherent Light Generators	304	16	24	28	32	28	31	27	23	21	22	22	36	44	32	29	18	22	30	22	27	18	856
373	Industrial Electric Heating Furnaces	155	9	5	9	9	7	2	4	9	19	8	11	4	8	2	3	0	3	6	2	2	1	278
374	Thermal Measuring and Testing	695	41	34	34	23	41	38	61	31	44	42	34	38	34	32	33	33	36	18	21	12	28	1403
375	Pulse or Digital Communications	299	35	20	32	41	62	63	71	76	65	47	57	54	60	59	104	93	74	86	114	66	69	1647
376	Induced Nuclear Reactions: Processes, Systems, and Elements	378	22	22	16	17	21	16	17	10	8	9	5	9	8	6	2	3	1	3	3	6	6	588
377	Electrical Pulse Counters, Pulse Dividers, or Shift Registers: Circuits and Systems	367	15	14	12	12	12	6	4	6	11	8	8	3	8	5	6	1	0	0	5	3	3	509
378	X-Ray or Gamma Ray Systems or Devices	516	51	44	35	33	48	26	47	31	41	34	37	33	24	36	49	43	43	54	54	33	43	1355

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
379	Telephonic Communications	1063	94	54	82	108	124	111	148	126	121	111	92	109	116	107	111	99	74	95	106	94	101	3246
380	Cryptography	194	23	29	34	22	27	44	43	26	39	30	25	16	20	27	36	26	27	41	77	46	58	910
381	Electrical Audio Signal Processing Systems and Devices	932	69	69	65	57	72	81	151	79	87	56	91	93	91	74	92	82	59	71	97	150	201	2819
382	Image Analysis	235	30	40	25	43	55	63	75	95	88	71	71	87	91	84	144	119	93	126	195	154	160	2144
383	Flexible Bags	978	84	92	93	104	83	75	101	122	122	106	68	57	46	42	47	42	36	32	40	55	52	2477
384	Bearings	707	51	46	65	56	44	33	47	36	32	55	47	35	19	21	19	15	19	13	12	11	12	1395
385	Optical Waveguides	435	34	39	57	42	55	46	87	80	75	72	98	91	87	95	139	74	63	53	60	35	46	1863
386	Motion Video Signal Processing for Recording or Reproducing	229	23	22	16	21	19	31	21	24	22	20	21	15	19	12	12	11	19	14	12	18	15	616
388	Electricity: Motor Control Systems	83	2	4	9	5	8	3	4	8	5	3	1	1	2	2	5	7	2	3	5	1	2	165
392	Electric Resistance Heating Devices	679	43	44	48	50	34	33	59	63	54	48	42	36	35	40	31	26	27	26	21	27	49	1515
396	Photography	935	40	35	52	30	47	38	81	62	43	33	36	48	51	28	31	33	36	43	54	57	57	1870
398	Optical Communications	120	8	9	14	10	19	15	19	24	19	19	30	21	20	25	28	21	18	28	39	22	29	557
399	Electrophotography	121	16	16	16	21	7	13	19	13	11	24	13	14	8	11	27	10	8	14	12	7	7	408
400	Typewriting Machines	524	37	47	35	59	43	37	42	39	34	23	29	37	34	35	23	26	9	12	15	10	7	1157
401	Coating Implements with Material Supply	1091	102	83	114	84	92	56	94	156	137	153	114	101	110	89	96	71	67	48	53	49	86	3046
402	Binder Device Releasably Engaging Aperture or Notch of Sheet	281	27	26	28	20	31	33	43	32	39	23	26	18	18	13	17	11	8	2	12	4	4	716
403	Joints and Connections	3036	212	203	210	210	214	201	214	209	211	198	192	195	152	133	106	97	88	83	105	87	94	6450
404	Road Structure, Process, or Apparatus	1086	93	105	90	106	88	95	88	101	98	88	97	85	121	70	113	75	64	83	87	62	64	2959
405	Hydraulic and Earth Engineering	2238	208	211	151	160	222	156	191	215	153	165	199	184	183	157	176	128	137	129	139	142	114	5758
406	Conveyors: Fluid Current	336	21	17	6	15	18	12	10	14	13	20	14	19	11	7	12	5	4	6	6	4	11	581
407	Cutters, for Shaping	276	22	17	11	10	6	22	19	20	22	19	8	16	5	10	11	18	10	9	11	6	6	554
408	Cutting by Use of Rotating Axially Moving Tool	1101	74	53	71	67	58	67	92	87	55	80	51	58	43	38	54	48	30	36	26	19	23	2231
409	Gear Cutting, Milling, or Planing	637	45	40	27	34	33	55	58	47	63	42	52	40	29	30	35	36	25	16	17	13	7	1381
410	Freight Accommodation On Freight Carrier	456	35	38	31	51	46	34	47	49	59	60	53	61	58	42	50	49	39	34	36	42	48	1418
411	Expanded, Threaded, Driven, Headed, Tool-Deformed, or Locked-Threaded Fastener	1167	106	112	82	96	120	103	118	121	107	95	78	74	73	50	61	34	34	28	57	56	60	2832
412	Bookbinding: Process and Apparatus	86	7	11	4	9	6	10	8	6	11	12	9	3	3	7	4	0	4	2	7	3	2	214
413	Sheet Metal Container Making	39	3	1	5	0	5	1	3	4	7	2	0	2	2	0	3	4	1	1	0	1	3	87
414	Material or Article Handling	3375	260	219	229	225	217	195	208	223	256	164	194	178	168	109	104	112	91	101	121	124	121	6994
415	Rotary Kinetic Fluid Motors or Pumps	837	46	50	49	51	51	29	32	30	50	59	64	66	61	52	53	55	39	30	54	64	84	1906
416	Fluid Reaction Surfaces (i.e., Impellers)	1029	58	69	64	68	57	41	48	62	85	70	75	66	65	69	74	55	59	33	54	78	91	2370
417	Pumps	2072	121	134	123	118	118	107	119	125	155	155	153	127	102	51	78	50	48	52	61	83	104	4256
418	Rotary Expansible Chamber Devices	590	45	36	37	40	31	32	35	25	47	46	37	37	37	29	26	19	22	23	31	20	28	1273

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
419	Powder Metallurgy Processes	137	8	3	13	7	12	10	7	11	12	6	9	14	10	3	3	5	6	7	6	11	6	306
420	Alloys or Metallic Compositions	233	13	8	18	16	8	11	11	13	9	11	25	21	17	8	2	3	4	4	6	4	8	453
422	Chemical Apparatus and Process Disinfecting, Deodorizing, Preserving, or Sterilizing	1943	188	180	180	210	178	179	213	213	197	221	190	198	140	118	113	114	127	118	173	173	199	5565
423	Chemistry of Inorganic Compounds	1077	65	61	76	61	69	44	66	66	56	73	67	63	43	31	33	44	32	35	70	53	79	2264
424	Drug, Bio-Affecting and Body Treating Compositions	1798	197	197	176	216	254	338	402	458	392	495	477	449	284	208	254	215	197	201	291	285	344	8128
425	Plastic Article or Earthenware Shaping or Treating: Apparatus	2450	148	152	150	151	142	132	157	133	129	117	115	93	97	59	90	84	58	59	68	63	65	4712
426	Food or Edible Material: Processes, Compositions, and Products	2015	143	144	120	149	163	178	185	239	240	228	179	152	146	80	94	69	45	41	73	81	111	4875
427	Coating Processes	1949	129	111	130	134	123	132	166	161	165	153	134	143	124	63	60	73	56	51	84	85	85	4311
428	Stock Material or Miscellaneous Articles	4937	335	338	342	353	351	344	398	409	383	381	304	353	274	192	171	168	100	116	166	201	216	10832
429	Chemistry: Electrical Current Producing Apparatus, Product, and Process	425	35	34	31	42	94	43	44	43	48	40	40	51	26	30	24	22	19	40	42	39	42	1254
430	Radiation Imagery Chemistry: Process, Composition, or Product Thereof	493	22	18	26	34	33	22	43	40	44	37	51	39	39	33	38	24	21	25	32	20	23	1157
431	Combustion	879	58	49	64	59	62	44	75	83	88	92	57	83	65	57	40	38	24	39	39	15	19	2029
432	Heating	654	30	23	27	18	15	21	24	27	32	27	24	25	16	6	13	7	7	5	8	6	13	1028
433	Dentistry	1963	196	170	183	131	171	150	245	231	179	221	163	151	106	108	162	103	85	46	99	89	137	5089
434	Education and Demonstration	1989	170	200	161	163	189	180	228	223	228	164	178	181	148	136	125	124	84	87	110	134	141	5343
435	Chemistry: Molecular Biology and Microbiology	1275	133	153	155	171	189	248	367	387	321	389	299	319	246	188	233	212	199	227	286	237	260	6494
436	Chemistry: Analytical and Immunological Testing	787	72	89	93	87	114	116	143	121	105	113	79	113	84	47	60	72	86	69	84	82	85	2701
438	Semiconductor Device Manufacturing: Process	263	31	25	34	49	31	25	53	61	78	103	91	116	118	82	79	67	90	73	118	102	93	1782
439	Electrical Connectors	1742	187	162	183	177	188	189	246	194	274	247	234	198	244	208	249	218	184	163	182	171	156	5996
440	Marine Propulsion	736	64	69	63	62	66	71	76	70	80	63	57	62	61	60	76	49	44	37	43	43	42	1994
441	Buoys, Rafts, and Aquatic Devices	817	79	69	96	84	76	83	91	74	86	85	79	78	66	71	85	72	53	45	49	46	47	2331
442	Fabric (Woven, Knitted, or Nonwoven Textile or Cloth, Etc.)	359	22	24	32	42	28	27	49	57	46	40	19	20	27	18	16	23	18	21	15	20	13	936
445	Electric Lamp or Space Discharge Component or Device Manufacturing	55	4	2	3	5	3	6	5	11	7	5	5	6	4	4	10	2	4	3	5	5	7	161
446	Amusement Devices: Toys	2487	245	220	243	206	225	178	260	242	291	257	266	250	225	157	128	111	102	88	123	127	86	6517
449	Bee Culture	101	3	0	3	4	1	5	2	1	2	1	4	5	6	1	4	0	3	4	3	4	1	158
450	Foundation Garments	176	16	18	7	17	18	21	28	54	68	45	39	16	21	19	27	25	27	18	26	25	44	755
451	Abrading	1539	107	142	94	103	109	113	107	124	127	154	123	111	120	100	125	73	51	51	43	54	65	3635
452	Butchering	566	47	41	42	34	36	22	23	24	35	42	13	23	22	20	35	28	33	27	17	21	16	1167
453	Coin Handling	95	6	4	5	7	5	4	2	2	5	1	4	4	8	0	3	0	0	2	5	2	3	167

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
454	Ventilation	1057	95	62	71	52	75	59	87	70	77	98	93	79	74	68	49	35	22	38	38	37	48	2384
455	Telecommunications	704	71	55	47	74	101	78	106	117	120	96	121	114	142	121	210	207	170	236	303	253	345	3791
460	Crop Threshing or Separating	103	11	6	6	10	17	2	11	12	13	11	10	4	5	5	5	4	1	2	6	4	3	251
462	Books, Strips, and Leaves for Manifolding	99	11	19	12	12	6	5	6	10	9	9	9	0	6	3	0	1	1	0	0	1	0	219
463	Amusement Devices: Games	348	39	37	50	31	45	50	94	86	106	105	100	99	85	89	67	90	71	55	96	114	198	2055
464	Rotary Shafts, Gudgeons, Housings, and Flexible Couplings for Rotary Shafts	372	22	16	24	19	17	26	20	23	23	35	15	22	14	11	14	6	5	8	5	14	13	724
470	Threaded, Headed Fastener, or Washer Making: Process and Apparatus	169	8	11	13	8	7	6	8	7	5	5	5	5	1	4	5	1	2	2	3	7	1	283
472	Amusement Devices	490	40	48	49	46	47	48	75	59	48	42	44	42	38	39	35	27	22	23	45	55	33	1395
473	Games Using Tangible Projectile	3438	382	368	450	483	450	431	541	447	376	370	363	362	336	299	328	293	213	213	300	296	299	11038
474	Endless Belt Power Transmission Systems or Components	526	24	36	45	44	36	35	25	27	38	15	29	20	12	15	17	6	12	12	16	13	13	1016
475	Planetary Gear Transmission Systems or Components	424	44	30	26	28	39	26	30	40	47	25	31	28	23	31	26	27	27	20	27	18	28	1045
476	Friction Gear Transmission Systems or Components	69	3	4	5	6	10	5	3	6	7	2	3	2	3	5	3	3	2	4	4	1	5	155
477	Interrelated Power Delivery Controls, Including Engine Control	150	4	4	5	11	14	9	10	12	7	3	7	8	5	9	11	4	9	10	13	10	8	323
482	Exercise Devices	2510	283	284	305	265	316	331	396	364	355	307	292	309	299	217	344	260	244	262	382	380	211	8916
483	Tool Changing	41	4	1	5	3	1	3	5	9	9	1	8	2	1	2	5	3	4	5	3	0	1	116
492	Roll or Roller	150	6	13	5	16	15	11	15	12	18	9	9	6	12	11	7	4	5	5	7	6	5	347
493	Manufacturing Container or Tube From Paper; or Other Manufacturing From a Sheet or Web	593	61	45	44	33	33	30	53	43	37	27	28	33	28	32	20	16	17	20	14	14	14	1235
494	Imperforate Bowl: Centrifugal Separators	158	11	12	17	8	9	10	15	16	10	11	12	6	3	3	3	6	1	5	1	6	6	329
501	Compositions: Ceramic	262	24	26	28	25	26	22	22	23	17	31	20	22	13	13	8	8	7	8	7	12	15	639
502	Catalyst, Solid Sorbent, or Support Therefor: Product or Process of Making	329	26	28	21	20	17	21	27	32	32	30	21	16	11	14	11	17	12	10	22	20	24	761
503	Record Receiver Having Plural Interactive Leaves or a Colorless Color Former, Method of Use, or Developer Therefor	36	5	2	4	1	4	3	7	4	1	3	3	2	4	1	4	4	5	3	5	2	1	104
504	Plant Protecting and Regulating Compositions	111	21	11	6	5	9	14	15	38	16	23	20	15	9	8	6	6	3	7	4	12	17	376
505	Superconductor Technology: Apparatus, Material, Process	111	15	14	9	13	10	12	8	14	17	9	6	11	6	6	3	3	4	6	4	5	4	290
506	Combinatorial Chemistry Technology: Method, Library, Apparatus	2	0	0	0	2	7	4	6	10	10	5	8	12	5	7	4	3	2	6	4	6	6	109
507	Earth Boring, Well Treating, and Oil Field Chemistry	86	8	9	2	3	3	5	13	5	9	6	8	6	14	11	4	3	3	10	12	5	5	230
508	Solid Anti-Friction Devices, Materials Therefor, Lubricant or Separant Compositions for Moving Solid Surfaces, and Miscellaneous Mineral Oil	94	9	9	8	11	10	10	16	16	12	12	7	10	6	3	8	5	2	5	11	8	9	281

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
	Compositions																							
510	Cleaning Compositions for Solid Surfaces, Auxiliary Compositions Therefor, or Processes of Preparing the Compositions	299	16	21	19	31	34	32	49	66	43	43	46	38	39	23	28	20	18	24	13	32	32	966
512	Perfume Compositions	21	2	1	3	4	3	2	4	3	7	5	1	3	2	0	0	2	2	1	2	0	0	68
514	Drug, Bio-Affecting and Body Treating Compositions	2136	224	212	185	235	319	354	408	450	366	443	405	349	239	201	203	170	134	146	245	234	251	7909
516	Colloid Systems and Wetting Agents; Subcombinations Thereof; Processes Of	127	8	10	10	11	11	11	13	10	11	11	10	11	11	3	3	5	6	11	7	4	3	307
518	Chemistry: Fischer-Tropsch Processes; or Purification or Recovery of Products Thereof	23	2	1	2	2	3	0	2	1	2	5	1	1	2	1	2	5	1	2	0	4	5	67
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	0	0	2
521	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	403	29	29	22	22	16	21	32	28	17	23	18	23	7	15	4	7	3	6	5	17	8	755
522	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	81	5	5	3	12	10	5	6	9	7	8	6	12	8	3	5	6	4	0	3	3	2	203
523	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	389	25	38	25	39	26	32	45	38	17	38	33	34	14	21	16	16	7	7	21	16	20	917
524	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	777	56	43	52	54	57	55	81	56	54	60	59	60	34	39	37	34	22	30	40	30	31	1761
525	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	529	44	42	30	35	29	29	45	35	33	29	35	34	21	16	23	31	11	11	16	13	16	1107
526	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	242	18	25	19	9	12	12	17	22	14	20	11	32	13	15	12	10	6	6	11	8	5	539
527	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	62	7	5	5	5	2	2	3	0	3	2	2	1	2	0	2	1	1	0	0	2	2	109
528	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	468	32	43	28	35	22	24	29	33	19	29	32	14	19	14	20	20	15	14	16	24	20	970
530	Chemistry: Natural Resins or Derivatives; Peptides or Proteins; Lignins or Reaction Products Thereof	517	53	59	53	61	65	109	162	138	94	133	98	115	100	72	74	98	79	64	91	76	67	2378
532	Organic Compounds -- Part of the Class 532-570 Series	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
534	Organic Compounds -- Part of the Class 532-570 Series	63	4	4	3	3	2	5	8	2	4	2	2	2	0	0	0	1	1	0	3	1	1	111
536	Organic Compounds -- Part of the Class 532-570 Series	331	43	29	29	48	81	88	145	173	121	136	105	115	82	71	95	70	57	70	72	82	69	2112
540	Organic Compounds -- Part of the Class 532-570 Series	126	5	7	4	8	6	20	10	11	6	8	12	7	7	4	11	3	4	3	2	8	5	277
544	Organic Compounds -- Part of the Class 532-570 Series	232	18	14	14	18	23	20	19	24	26	20	21	20	21	14	16	12	11	8	24	26	20	621
546	Organic Compounds -- Part of the Class 532-570 Series	223	20	19	16	20	30	25	23	20	32	26	20	33	23	14	26	13	18	21	33	24	25	704
548	Organic Compounds -- Part of the Class 532-570 Series	232	26	15	21	16	30	20	17	20	16	16	25	24	20	12	17	17	8	13	21	30	15	631

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
549	Organic Compounds -- Part of the Class 532-570 Series	182	10	20	12	11	15	18	27	25	23	25	20	19	12	10	13	18	7	8	10	10	10	505
552	Organic Compounds -- Part of the Class 532-570 Series	76	3	2	1	5	2	3	2	7	2	4	3	5	3	1	2	3	1	0	1	2	7	135
554	Organic Compounds -- Part of the Class 532-570 Series	112	5	4	11	9	10	11	8	8	11	11	17	13	13	5	5	6	6	5	3	9	6	288
556	Organic Compounds -- Part of the Class 532-570 Series	148	10	7	7	11	12	14	7	14	5	14	8	9	6	4	1	10	5	4	5	8	10	319
558	Organic Compounds -- Part of the Class 532-570 Series	127	10	12	4	12	11	6	10	15	6	6	9	3	4	3	8	5	4	4	3	5	5	272
560	Organic Compounds -- Part of the Class 532-570 Series	212	16	21	15	13	21	13	13	16	10	15	21	19	8	3	3	5	4	8	4	5	8	453
562	Organic Compounds -- Part of the Class 532-570 Series	211	14	21	13	17	13	17	15	17	11	22	16	15	8	9	11	12	6	3	14	13	7	485
564	Organic Compounds -- Part of the Class 532-570 Series	168	12	9	8	19	19	17	11	10	11	19	19	14	6	6	12	6	3	6	8	8	10	401
568	Organic Compounds -- Part of the Class 532-570 Series	254	31	23	17	31	15	18	34	35	18	13	14	15	17	8	8	9	6	11	14	14	7	612
570	Organic Compounds -- Part of the Class 532-570 Series	40	15	3	0	3	3	5	2	4	3	7	2	0	1	2	0	3	0	0	2	3	2	100
585	Chemistry of Hydrocarbon Compounds	195	25	17	9	31	16	15	26	27	24	19	9	19	10	8	14	2	12	9	9	20	12	528
588	Hazardous or Toxic Waste Destruction or Containment	149	12	22	33	37	37	43	31	39	28	18	27	10	11	7	10	11	9	7	10	15	15	581
600	Surgery	2863	282	342	373	375	314	256	502	411	433	373	423	354	266	210	254	198	198	194	262	285	336	9504
601	Surgery: Kinesitherapy	951	111	66	75	112	110	91	127	101	101	112	84	96	83	62	101	92	72	48	60	64	93	2812
602	Surgery: Splint, Brace, or Bandage	969	96	99	103	118	90	115	174	156	159	113	122	131	107	92	100	46	50	57	99	106	93	3195
604	Surgery	3777	439	514	561	480	442	426	522	414	405	342	337	412	273	189	185	157	148	143	261	225	314	10966
606	Surgery	2356	344	386	440	427	462	547	607	578	519	435	385	443	292	229	228	200	134	154	241	268	387	10062
607	Surgery: Light, Thermal, and Electrical Application	881	82	80	86	107	97	80	124	137	155	138	115	135	101	81	76	84	48	50	59	81	115	2912
623	Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor	1168	151	116	118	106	160	133	168	154	174	188	200	181	159	121	129	88	67	82	126	140	160	4089
700	Data Processing: Generic Control Systems or Specific Applications	479	53	44	67	59	83	62	110	101	74	84	94	129	120	102	129	90	107	86	110	152	164	2499
701	Data Processing: Vehicles, Navigation, and Relative Location	227	24	22	35	39	43	37	74	72	70	110	111	96	82	106	114	95	98	83	117	144	137	1936
702	Data Processing: Measuring, Calibrating, or Testing	506	45	44	47	38	64	65	78	78	62	75	103	121	124	101	120	119	110	101	123	114	137	2375
703	Data Processing: Structural Design, Modeling, Simulation, and Emulation	32	7	9	8	7	11	23	18	26	17	20	26	26	20	31	56	38	50	47	48	41	42	603
704	Data Processing: Speech Signal Processing, Linguistics, Language Translation, and Audio Compression/Decompression	152	19	21	22	27	24	33	50	47	29	46	41	37	38	21	54	46	47	36	88	68	89	1035

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
705	Data Processing: Financial, Business Practice, Management, or Cost/Price Determination	211	34	45	48	23	46	75	108	187	153	119	130	131	133	181	268	218	264	306	528	515	594	4317
706	Data Processing: Artificial Intelligence	46	11	16	13	23	29	22	53	31	31	32	38	44	29	22	34	24	25	44	89	77	62	795
707	Data Processing: Database and File Management or Data Structures	56	10	14	18	32	24	47	92	115	93	99	105	133	136	112	171	173	142	132	207	181	226	2318
708	Electrical Computers: Arithmetic Processing and Calculating	320	25	31	28	20	32	33	34	43	29	20	32	21	19	16	21	15	14	18	22	22	19	834
709	Electrical Computers and Digital Processing Systems: Multicomputer Data Transferring	19	3	7	6	7	23	26	60	59	77	80	89	93	106	91	149	144	111	177	316	233	253	2129
710	Electrical Computers and Digital Data Processing Systems: Input/Output	65	5	11	10	19	21	29	40	26	33	29	20	31	25	21	32	35	21	46	49	48	35	651
711	Electrical Computers and Digital Processing Systems: Memory	84	7	11	11	21	20	33	35	28	21	24	17	25	28	20	41	29	39	52	71	57	58	732
712	Electrical Computers and Digital Processing Systems: Processing Architectures and Instruction Processing (e.g., Processors)	73	8	8	6	10	16	20	30	13	13	19	12	11	9	14	20	12	14	18	33	32	19	410
713	Electrical Computers and Digital Processing Systems: Support	103	16	23	25	21	39	43	53	37	46	41	36	34	37	45	87	66	70	94	167	108	132	1323
714	Error Detection/Correction and Fault Detection/Recovery	160	19	8	24	31	40	40	53	35	38	39	35	42	39	39	42	63	40	81	82	40	35	1025
715	Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing	81	19	20	34	25	28	50	86	82	62	81	58	73	74	62	107	93	60	86	156	128	129	1594
716	Computer-Aided Design and Analysis of Circuits and Semiconductor Masks	9	1	0	4	3	3	7	7	4	4	14	27	28	23	16	32	42	35	37	54	15	21	386
717	Data Processing: Software Development, Installation, and Management	11	2	0	4	7	8	8	13	19	14	15	17	12	13	17	21	25	22	33	58	45	45	409
718	Electrical Computers and Digital Processing Systems: Virtual Machine Task or Process Management or Task Management/Control	5	1	1	3	5	3	3	9	9	7	3	10	7	9	9	6	9	6	12	16	18	12	163
719	Electrical Computers and Digital Processing Systems: Interprogram Communication or Interprocess Communication (Ipc)	1	0	1	0	5	3	4	8	3	7	7	14	13	9	8	12	2	9	11	21	9	14	161
720	Dynamic Optical Information Storage or Retrieval	23	1	3	3	6	4	1	7	6	7	3	7	8	7	8	6	1	7	9	8	9	5	139
725	Interactive Video Distribution Systems	124	12	14	12	16	32	19	32	39	31	26	17	20	20	13	28	23	19	36	75	76	78	762
726	Information Security	20	4	0	5	2	4	11	20	21	29	25	22	21	25	26	53	36	41	64	104	88	106	727
800	Multicellular Living Organisms and Unmodified Parts Thereof and Related Processes	14	1	2	3	5	4	8	30	25	22	19	20	18	20	17	17	18	21	15	23	15	15	332
850	Scanning-Probe Techniques or Apparatus; Applications of Scanning-Probe Techniques, e.g., Scanning Probe	24	7	5	6	7	10	6	8	6	3	5	5	11	9	7	0	0	0	1	2	3	4	129

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
	Microscopy [Spm]																							
901	Robots	264	26	22	18	19	19	16	20	19	16	16	20	16	12	10	8	6	7	5	7	8	15	569
902	Electronic Funds Transfer	134	4	6	6	6	2	12	9	4	11	2	4	5	3	3	6	5	4	3	1	1	3	234
903	Hybrid Electric Vehicles (Hevs)	29	4	3	8	2	7	6	6	3	5	2	6	8	4	5	0	4	6	7	1	5	2	123
930	Peptide or Protein Sequence	138	3	3	3	0	0	2	4	4	4	6	2	1	2	1	0	1	0	1	1	0	2	178
968	Horology	693	0	0	0	0	0	0	2	0	1	1	0	0	1	0	0	0	1	1	0	0	0	700
976	Nuclear Technology	431	5	2	1	4	4	3	3	0	2	0	1	0	0	0	0	1	0	0	0	0	0	457
977	Nanotechnology	8	2	5	7	7	11	15	14	27	18	25	23	42	27	8	11	14	22	13	25	27	32	383
984	Musical Instruments	1406	0	0	0	0	0	0	0	0	1	2	1	3	0	0	1	2	1	0	0	0	0	1417
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	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	123
D01	Edible Products	122	9	13	18	10	19	24	27	27	30	32	21	7	27	13	19	15	22	21	21	25	20	542
D02	Apparel and Haberdashery	1289	101	172	179	188	205	195	300	253	210	154	209	179	160	128	181	221	280	305	367	309	344	5929
D03	Travel Goods and Personal Belongings	1954	229	297	277	277	268	250	338	347	314	277	254	249	207	184	285	249	261	246	297	254	273	7587
D04	Brushware	399	51	69	58	73	88	71	94	74	95	85	112	59	43	35	58	39	69	38	57	34	42	1743
D05	Textile or Paper Yard Goods; Sheet Material	101	5	5	5	6	6	11	15	10	17	19	7	17	9	9	14	12	18	11	12	18	32	359
D06	Furnishings	5553	526	700	565	698	643	578	723	666	739	649	692	575	461	352	475	627	529	514	516	457	583	17821
D07	Equipment for Preparing or Serving Food or Drink Not Elsewhere Specified	2925	244	373	323	313	398	263	344	286	362	332	259	311	291	206	380	344	370	344	387	320	396	9771
D08	Tools and Hardware	3613	395	464	446	496	448	384	551	471	546	405	341	460	398	290	446	491	514	443	414	348	399	12763
D09	Packages and Containers for Goods	1393	150	173	186	195	215	207	207	178	207	213	159	194	139	123	181	189	204	229	223	180	201	5346
D10	Measuring, Testing, or Signalling Instruments	1880	192	269	277	280	200	200	289	260	229	203	198	156	166	141	170	193	221	170	142	126	114	6076
D11	Jewelry, Symbolic Insignia, and Ornaments	2052	157	211	219	234	199	207	239	219	252	254	250	197	186	175	226	236	273	233	216	204	235	6674
D12	Transportation	2667	362	391	344	351	361	289	374	285	357	283	240	269	306	254	303	336	343	334	307	224	253	9233
D13	Equipment for Production, Distribution, or Transformation of Energy	495	67	75	86	85	78	74	85	119	110	99	106	105	64	40	86	87	121	112	68	91	105	2358
D14	Recording, Communication, or Information Retrieval Equipment	1094	117	167	140	183	179	185	214	184	238	181	184	197	173	104	172	181	178	174	192	179	196	4812
D15	Machines Not Elsewhere Specified	1097	124	141	91	152	141	89	107	82	76	64	58	81	82	58	108	133	97	100	109	83	107	3180
D16	Photography and Optical Equipment	446	57	49	56	49	80	63	82	74	102	51	60	88	50	46	51	90	74	82	70	77	69	1866
D17	Musical Instruments	391	32	37	41	35	36	26	40	46	26	42	23	40	21	19	39	25	51	29	39	36	29	1103
D18	Printing and Office Machinery	406	28	48	26	28	29	17	30	26	34	19	27	25	16	12	44	30	29	45	13	21	3	956
D19	Office Supplies; Artists' and Teachers' Materials	1253	143	155	155	182	129	156	212	165	158	157	120	137	133	109	97	109	154	100	71	112	85	4092
D20	Sales and Advertising Equipment	464	55	82	81	90	73	95	114	90	82	59	29	78	62	44	53	58	44	52	63	67	99	1934

Class	Class Title	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
D21	Games, Toys, and Sports Goods	4139	475	483	565	551	497	465	681	512	545	489	389	342	320	305	415	355	403	309	342	365	326	13273
D22	Arms, Pyrotechnics, Hunting and Fishing Equipment	1167	97	108	116	128	140	95	97	116	102	97	108	98	80	74	113	120	97	116	128	138	139	3474
D23	Environmental Heating and Cooling; Fluid Handling and Sanitary Equipment	1797	179	167	221	232	175	184	239	232	280	209	206	210	201	203	259	239	283	183	248	200	164	6311
D24	Medical and Laboratory Equipment	2007	229	244	235	233	231	200	246	220	226	252	199	187	128	95	163	224	226	212	333	256	204	6550
D25	Building Units and Construction Elements	1500	111	111	153	141	123	128	144	142	145	125	156	148	129	113	87	135	129	123	166	95	130	4234
D26	Lighting	927	125	111	154	159	200	179	234	183	275	328	273	257	221	147	231	293	301	246	214	227	175	5460
D27	Tobacco and Smokers' Supplies	284	6	9	18	21	20	26	49	55	38	40	42	37	38	35	59	60	42	26	35	19	21	980
D28	Cosmetic Products and Toilet Articles	895	57	87	130	103	112	127	114	105	178	155	103	115	112	64	82	71	73	90	101	114	107	3095
D29	Equipment for Safety, Protection, and Rescue	426	42	58	65	80	73	60	52	53	67	36	58	41	44	26	42	77	72	65	47	66	90	1640
D30	Animal Husbandry	881	118	154	140	145	137	117	88	81	131	73	74	82	75	72	93	99	115	96	127	117	139	3154
D32	Washing, Cleaning, or Drying Machine	634	65	81	103	122	100	105	121	92	90	69	67	83	54	42	61	102	94	70	81	75	83	2394
D34	Material or Article Handling Equipment	1132	228	206	146	169	97	80	117	86	96	76	73	87	65	41	123	126	70	86	72	92	84	3352
D99	Miscellaneous	298	29	40	31	53	34	43	48	37	45	61	33	67	48	32	43	31	21	18	52	28	32	1124
G9B	Information Storage Based On Relative Movement Between Record Carrier and Transducer	1336	111	130	139	135	146	158	192	140	137	143	135	133	108	83	71	52	52	0	1	0	2	3404
PLT	Plants	1233	75	101	97	78	83	91	124	101	92	125	261	232	156	105	199	163	268	270	231	187	213	4485
ALL	ALL CLASSES (in this total, a patent is counted once for each class in which it has been classified)	429311	34999	34889	35772	36155	37303	35254	44341	43613	43285	40933	38393	37212	32980	27394	31638	28141	26038	25393	31943	29631	32155	1156773

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