

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

PATENTS DISTRIBUTED BY CALENDAR YEAR OF GRANT

Parts of the Report

[Description of the Report](#)

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

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

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

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

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

[CONTACT INFORMATION -](#)

Description of the Report

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, 2011. Please refer to the U.S. Patent and Trademark Office *Manual of Patent Classification* for further information regarding the patent classification system.

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

Report Printing and the Use of Spreadsheet Software

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

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 - 2011
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 - 12/31/2011

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
001	** Classification Undetermined **	7	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	0	11
002	Apparel	1697	255	220	161	176	152	266	296	348	427	372	375	308	205	220	178	206	129	123	81	179	179	6553
004	Baths, Closets, Sinks, and Spittoons	1564	182	148	174	190	152	136	152	212	264	218	201	236	198	177	133	123	111	84	54	108	141	4958
005	Beds	1488	193	214	165	157	152	208	175	181	190	206	177	166	189	188	186	169	120	138	139	162	144	5107
007	Compound Tools	187	25	15	28	21	12	24	17	23	23	26	34	24	14	21	21	21	23	2	8	10	14	593
008	Bleaching and Dyeing; Fluid Treatment and Chemical Modification of Textiles and Fibers	186	9	11	14	18	14	17	14	22	18	17	16	15	14	6	8	7	7	9	7	9	10	448
012	Boot and Shoe Making	85	4	2	5	5	3	2	3	5	13	1	6	2	6	6	1	2	2	4	1	3	5	166
014	Bridges	113	12	4	8	12	16	15	10	10	17	6	7	15	11	17	8	11	16	11	10	10	12	351
015	Brushing, Scrubbing, and General Cleaning	1882	166	134	144	193	199	236	181	237	238	251	186	175	175	137	111	106	123	126	104	152	122	5378
016	Miscellaneous Hardware (e.g., Bushing, Carpet Fastener, Caster, Door Closer, Panel Hanger, Attachable or Adjunct Handle, Hinge, Window Sash Balance, Etc.)	497	54	37	40	63	55	69	66	92	76	70	64	97	78	67	57	50	38	21	36	55	55	1737
019	Textiles: Fiber Preparation	132	14	6	5	13	10	6	8	5	10	10	8	14	4	1	0	3	1	3	3	2	3	261
023	Chemistry: Physical Processes	15	0	2	0	3	1	0	0	1	1	3	0	1	1	0	0	0	1	0	1	1	1	32
024	Buckles, Buttons, Clasps, Etc.	1010	125	103	79	81	98	95	131	121	116	121	130	126	141	79	46	79	61	55	54	64	65	2980
026	Textiles: Cloth Finishing	42	4	2	1	1	1	4	5	1	4	2	2	0	0	1	0	2	2	1	1	4	0	80
027	Undertaking	72	9	6	7	7	5	5	12	11	9	5	9	6	15	6	2	9	18	15	12	15	21	276
028	Textiles: Manufacturing	61	6	6	2	9	6	5	4	4	7	4	3	4	1	7	2	4	1	3	3	1	1	144
029	Metal Working	1898	169	145	168	127	133	131	144	137	120	152	158	142	157	136	125	140	115	81	82	109	129	4698
030	Cutlery	1489	155	118	104	109	98	124	97	136	137	129	116	146	124	127	93	87	74	49	51	68	72	3703
033	Geometrical Instruments	1895	177	171	113	117	167	121	96	132	112	143	148	134	150	163	169	120	141	113	133	145	135	4795
034	Drying and Gas or Vapor Contact with Solids	645	46	47	50	52	49	43	56	59	75	78	51	49	41	40	39	38	21	36	11	18	26	1570
036	Boots, Shoes, and Leggings	902	61	47	69	73	64	65	86	126	106	96	83	76	76	81	66	67	69	55	57	87	59	2471
037	Excavating	469	36	43	38	23	31	47	29	36	43	49	40	49	33	34	30	22	17	12	35	48	29	1193
038	Textiles: Ironing or Smoothing	134	13	9	8	12	9	13	7	11	14	10	11	9	7	11	8	7	14	7	4	13	2	333
040	Card, Picture, or Sign Exhibiting	1345	112	78	95	113	100	92	98	124	135	154	140	148	180	131	101	96	101	106	93	88	115	3745

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
042	Firearms	784	112	63	61	70	82	63	84	88	77	49	77	104	108	88	65	66	65	60	61	79	99	2405
043	Fishing, Trapping, and Vermin Destroying	2332	208	215	220	219	163	223	135	139	263	214	141	183	205	171	135	130	98	101	107	133	97	5832
044	Fuel and Related Compositions	223	8	9	13	13	14	12	9	4	15	22	10	10	14	14	10	6	5	9	17	17	8	462
047	Plant Husbandry	908	100	79	82	108	106	100	62	88	103	124	98	103	94	52	60	62	41	34	48	90	56	2598
048	Gas: Heating and Illuminating	120	3	4	0	4	6	0	2	7	3	4	3	0	2	6	1	8	5	3	7	8	13	209
049	Movable or Removable Closures	635	50	48	33	51	60	61	41	55	47	50	57	42	35	53	27	30	22	16	21	24	12	1470
051	Abrasive Tool Making Process, Material, or Composition	96	11	14	18	7	8	5	14	4	4	6	4	5	4	3	2	2	3	2	0	1	3	216
052	Static Structures (e.g., Buildings)	4101	304	261	309	348	301	384	431	495	465	459	529	433	401	359	295	234	180	170	235	374	315	11383
053	Package Making	743	76	52	46	45	65	60	51	71	57	54	47	33	37	53	53	30	26	41	41	35	34	1750
054	Harness for Working Animal	145	19	18	14	15	12	13	9	20	8	20	17	24	28	18	10	20	19	20	13	5	8	475
055	Gas Separation	301	30	31	28	9	15	25	17	35	36	28	33	24	30	29	16	21	18	25	27	24	28	830
056	Harvesters	864	88	78	78	71	88	75	39	65	80	71	48	64	43	48	57	42	22	19	26	35	26	2027
057	Textiles: Spinning, Twisting, and Twining	362	13	27	39	32	14	8	16	34	17	10	15	10	5	6	0	5	2	5	1	1	6	628
059	Chain, Staple, and Horseshoe Making	78	4	2	4	9	7	6	10	4	9	6	4	5	11	9	11	6	6	5	5	2	1	204
060	Power Plants	1451	68	77	88	61	56	61	69	82	86	91	100	92	84	91	82	116	63	48	51	68	75	3060
062	Refrigeration	1484	130	105	142	141	110	127	122	150	144	156	192	201	170	116	89	105	106	74	54	81	67	4066
063	Jewelry	212	27	35	25	14	30	25	32	21	24	25	19	30	30	24	18	19	24	25	14	15	10	698
065	Glass Manufacturing	202	4	13	9	13	4	6	5	11	22	8	7	18	12	8	10	9	5	4	3	2	5	380
066	Textiles: Knitting	183	19	4	12	4	3	12	15	10	12	18	20	14	6	11	10	10	7	3	10	13	10	406
068	Textiles: Fluid Treating Apparatus	132	9	10	9	9	12	11	7	15	15	10	8	15	14	2	2	2	2	11	5	4	3	307
069	Leather Manufactures	41	4	0	0	1	0	2	1	0	0	1	1	1	1	2	1	0	1	1	1	2	0	61
070	Locks	1204	123	102	104	105	122	103	128	174	170	104	92	121	129	96	88	79	58	71	60	46	48	3327
071	Chemistry: Fertilizers	143	3	18	6	10	16	14	19	17	11	11	12	19	8	8	1	4	0	4	4	8	8	344
072	Metal Deforming	1107	72	42	60	53	40	57	63	84	83	69	52	46	42	37	42	71	54	38	34	34	22	2202
073	Measuring and Testing	2650	205	168	159	173	203	217	189	209	196	166	167	205	219	179	161	162	160	181	136	126	117	6348
074	Machine Element or Mechanism	1032	79	116	92	91	85	109	90	102	112	101	86	58	73	53	32	41	46	28	40	32	38	2536
075	Specialized Metallurgical Processes, Compositions for Use Therein, Consolidated Metal Powder Compositions, and Loose Metal Particulate Mixtures	300	11	12	13	21	25	12	14	17	14	14	27	25	17	8	8	7	8	4	9	10	8	584
076	Metal Tools and Implements, Making	167	15	13	5	10	16	10	10	7	3	15	5	3	7	1	3	3	2	3	1	0	1	300
079	Button Making	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
081	Tools	1318	134	109	115	129	91	116	79	118	182	215	251	187	139	157	177	236	184	129	59	94	84	4303
082	Turning	269	15	16	12	14	7	9	19	19	19	15	22	13	30	12	12	9	3	3	2	11	12	543
083	Cutting	1102	100	84	76	58	51	58	47	72	93	73	66	45	57	99	52	57	47	30	39	38	40	2384
084	Music	1458	109	91	87	104	124	128	95	130	158	173	152	121	131	123	96	132	149	161	185	214	162	4283

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
086	Ammunition and Explosive-Charge Making	91	9	5	10	3	5	2	4	5	1	6	2	6	3	1	4	6	1	2	9	9	1	185
087	Textiles: Braiding, Netting, and Lace Making	32	1	2	5	0	0	1	2	1	5	2	0	5	5	5	1	2	3	2	0	2	1	77
089	Ordnance	290	22	24	27	24	32	17	20	27	28	21	29	31	31	35	19	20	24	25	21	34	47	848
091	Motors: Expansible Chamber Type	319	18	17	19	18	4	9	9	10	6	9	5	8	6	8	4	5	5	1	3	3	2	488
092	Expansible Chamber Devices	241	29	16	12	25	22	16	7	18	12	10	13	15	17	9	8	6	14	12	6	5	7	520
095	Gas Separation: Processes	256	20	27	19	13	14	16	21	23	28	14	28	27	22	17	22	16	11	16	9	27	29	675
096	Gas Separation: Apparatus	386	25	27	29	19	21	27	19	21	27	22	25	25	17	23	23	24	15	12	19	25	15	846
099	Foods and Beverages: Apparatus	974	72	88	92	93	126	102	130	148	133	149	150	110	96	89	60	64	27	48	33	65	48	2897
100	Presses	440	40	45	41	37	29	28	34	37	25	21	22	11	27	16	14	25	15	22	14	8	13	964
101	Printing	553	53	49	49	51	69	39	49	67	50	56	53	36	49	52	27	42	17	10	19	15	17	1422
102	Ammunition and Explosives	290	33	36	31	28	32	18	15	19	21	11	34	28	27	28	24	21	24	21	20	24	34	819
104	Railways	275	27	20	14	16	24	20	25	22	18	14	20	29	23	21	22	8	5	14	24	18	20	679
105	Railway Rolling Stock	116	11	13	13	6	8	13	11	12	3	12	14	12	6	6	11	7	5	4	7	9	10	309
106	Compositions: Coating or Plastic	372	31	31	34	59	35	44	33	39	44	32	39	32	39	38	24	20	25	17	18	29	30	1065
108	Horizontally Supported Planar Surfaces	537	42	51	28	62	62	83	77	77	83	103	68	63	66	72	43	43	14	28	36	35	48	1721
109	Safes, Bank Protection, or a Related Device	149	5	2	10	5	3	5	11	9	9	8	3	7	5	2	4	2	3	1	1	3	1	248
110	Furnaces	393	36	35	29	44	29	23	19	30	15	17	21	19	12	15	16	18	5	10	6	8	5	805
111	Planting	252	18	16	12	18	23	28	22	10	22	21	29	19	24	13	12	18	7	14	21	20	12	631
112	Sewing	341	34	28	19	20	16	20	18	32	40	29	35	26	11	16	19	20	9	13	12	11	10	779
114	Ships	1700	181	148	139	144	138	147	139	141	154	175	147	133	137	108	162	155	130	102	96	91	98	4565
116	Signals and Indicators	452	62	34	34	49	38	35	28	23	32	41	37	42	32	44	33	28	27	27	24	33	17	1172
117	Single-Crystal, Oriented-Crystal, and Epitaxy Growth Processes; Non-Coating Apparatus Therefor	79	4	2	2	6	7	3	4	9	8	8	7	4	3	3	3	3	7	16	5	4	7	194
118	Coating Apparatus	428	48	36	33	37	43	32	37	40	47	32	32	34	31	21	15	22	14	14	17	14	20	1047
119	Animal Husbandry	1580	200	209	180	186	164	194	186	288	227	216	207	256	249	176	156	180	154	120	95	141	168	5532
122	Liquid Heaters and Vaporizers	308	12	8	9	17	11	11	6	16	15	14	11	10	25	11	13	11	8	6	11	7	6	546
123	Internal-Combustion Engines	2364	182	159	142	126	131	137	123	159	136	129	195	147	156	132	138	156	133	128	98	114	99	5284
124	Mechanical Guns and Projectors	546	54	51	53	60	67	70	91	59	60	56	60	52	67	80	48	48	53	33	42	78	52	1780
125	Stone Working	135	6	9	9	11	8	10	15	10	12	14	16	12	11	17	14	24	10	11	2	7	4	367
126	Stoves and Furnaces	2776	96	60	83	79	75	65	61	73	93	102	90	48	70	65	63	37	18	19	30	46	61	4110
127	Sugar, Starch, and Carbohydrates	41	2	7	4	5	3	2	1	4	6	1	4	1	0	0	1	1	2	1	0	2	1	89
128	Surgery	1215	188	151	149	181	191	215	205	245	195	176	170	171	160	159	115	126	81	64	59	93	101	4410
131	Tobacco	428	24	26	7	15	22	23	22	41	27	29	13	19	17	24	9	8	6	5	9	9	17	800
132	Toilet	697	92	68	73	85	72	87	88	169	195	141	104	86	75	57	25	46	62	36	40	34	54	2386
134	Cleaning and Liquid Contact with Solids	611	83	68	62	65	90	68	56	76	120	98	79	83	74	48	34	33	37	33	37	35	52	1942

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
135	Tent, Canopy, Umbrella, or Cane	475	50	52	60	101	62	77	84	90	80	83	127	79	71	87	63	44	64	63	65	72	89	2038
136	Batteries: Thermoelectric and Photoelectric	187	10	6	4	10	13	16	11	14	9	22	15	19	10	14	9	8	6	0	13	13	30	439
137	Fluid Handling	2205	190	195	183	181	147	141	143	171	237	251	223	128	126	135	128	137	118	80	69	95	71	5354
138	Pipes and Tubular Conduits	354	32	28	20	31	30	29	23	45	63	52	45	34	24	23	24	20	17	16	27	24	27	988
139	Textiles: Weaving	175	14	10	3	5	11	11	7	7	5	8	8	5	1	8	7	8	1	3	1	6	4	308
140	Wireworking	117	4	4	3	9	8	7	5	9	5	8	6	3	5	2	1	10	7	2	4	1	3	223
141	Fluent Material Handling, with Receiver or Receiver Coating Means	605	50	53	54	73	69	72	68	62	76	68	88	81	60	80	66	52	51	22	31	45	48	1874
142	Wood Turning	22	3	4	1	1	1	1	2	1	5	2	0	0	1	0	0	0	0	0	0	0	0	44
144	Woodworking	764	56	69	46	52	50	40	44	53	59	62	52	59	61	31	19	49	30	27	24	38	44	1729
147	Coopering	3	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	5
148	Metal Treatment	170	11	18	15	24	14	9	15	15	14	19	26	22	26	21	8	2	4	9	10	6	4	462
149	Explosive and Thermic Compositions or Charges	59	3	1	1	2	1	4	3	3	0	2	3	1	2	2	3	0	0	0	2	1	5	98
150	Purses, Wallets, and Protective Covers	119	15	14	16	15	10	14	6	13	13	24	21	14	15	10	7	10	10	10	19	11	9	395
152	Resilient Tires and Wheels	297	16	16	25	19	14	13	16	16	17	22	17	13	21	13	11	17	12	11	10	12	11	619
156	Adhesive Bonding and Miscellaneous Chemical Manufacture	1454	89	101	99	111	136	107	109	127	141	129	140	122	111	103	52	62	53	40	38	79	77	3480
157	Wheelwright Machines	91	7	7	5	3	5	4	1	2	3	5	7	2	1	1	2	3	5	6	4	3	4	171
159	Concentrating Evaporators	44	0	5	6	3	3	2	0	3	1	1	0	1	0	0	2	2	0	0	1	1	1	76
160	Flexible or Portable Closure, Partition, or Panel	580	78	74	60	52	70	69	82	84	86	111	92	81	70	74	62	57	53	35	38	55	44	2007
162	Paper Making and Fiber Liberation	167	14	11	18	14	12	15	12	20	10	13	21	9	9	6	4	7	10	8	13	6	11	410
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	422	21	13	29	26	12	31	13	21	13	6	20	31	23	12	17	18	7	7	2	10	13	767
165	Heat Exchange	888	46	59	39	67	52	48	27	49	51	39	53	42	36	70	37	61	26	24	17	17	19	1767
166	Wells	769	71	78	71	80	67	58	53	73	55	81	126	70	78	69	50	77	75	82	55	103	69	2310
168	Farriery	61	13	13	10	5	2	4	6	6	4	11	8	9	7	5	6	2	4	5	8	2	0	191
169	Fire Extinguishers	215	27	30	22	13	9	25	31	31	42	40	24	26	20	12	17	23	16	10	13	21	12	679
171	Unearthing Plants or Buried Objects	67	4	3	2	6	3	1	1	2	1	4	2	5	0	1	1	5	0	1	1	4	0	114
172	Earth Working	771	34	39	34	38	50	47	42	65	51	55	49	41	33	32	34	26	10	10	15	18	25	1519
173	Tool Driving or Impacting	281	23	20	9	14	16	15	15	28	21	28	15	10	21	24	19	18	12	9	6	8	10	622
174	Electricity: Conductors and Insulators	398	39	37	45	46	49	39	48	83	78	59	84	95	80	72	102	87	61	64	75	65	51	1757
175	Boring or Penetrating the Earth	621	52	52	36	44	46	45	29	53	45	42	49	39	37	33	33	34	53	47	58	68	37	1553
177	Weighing Scales	270	11	16	20	12	11	2	12	19	13	10	15	13	19	14	6	9	21	7	15	10	6	531
178	Telegraphy	42	3	3	2	1	4	5	3	3	0	3	0	2	0	0	0	0	0	1	0	0	1	73
180	Motor Vehicles	942	71	60	58	76	59	66	35	60	70	73	70	79	75	56	81	84	73	69	75	99	77	2408

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
181	Acoustics	461	33	22	42	30	24	26	32	38	54	53	31	35	42	22	26	11	15	26	39	29	39	1130
182	Fire Escape, Ladder, or Scaffold	1102	110	106	61	100	74	75	80	111	130	102	67	95	78	99	80	87	65	30	19	39	54	2764
184	Lubrication	150	15	16	15	14	23	25	11	15	17	14	20	12	7	7	5	8	4	4	3	6	2	393
185	Motors: Spring, Weight, or Animal Powered	25	0	1	1	1	0	0	3	0	1	2	1	1	1	0	1	0	0	0	1	2	1	42
186	Merchandising	39	2	7	3	1	6	5	5	4	0	3	4	2	2	4	0	1	1	0	0	0	1	90
187	Elevator, Industrial Lift Truck, or Stationary Lift for Vehicle	135	17	14	14	21	12	22	16	16	28	17	16	14	11	10	6	15	18	11	10	6	6	435
188	Brakes	409	31	29	26	44	46	58	43	41	55	45	52	79	44	31	40	45	31	24	25	22	29	1249
190	Trunks and Hand-Carried Luggage	148	10	21	13	17	22	23	19	16	17	16	20	20	22	10	7	11	7	8	9	8	12	456
191	Electricity: Transmission To Vehicles	57	4	6	3	8	4	3	7	4	2	4	13	6	5	3	4	3	3	0	2	0	3	144
192	Clutches and Power-Stop Control	258	34	17	11	17	18	30	20	16	27	18	18	15	11	10	14	8	10	7	7	10	6	582
193	Conveyors, Chutes, Skids, Guides, and Ways	90	8	5	7	3	3	3	2	1	8	9	9	13	1	4	4	6	4	3	4	6	4	197
194	Check-Actuated Control Mechanisms	162	14	12	14	9	18	15	7	7	15	5	8	5	9	7	1	4	6	1	4	4	0	327
196	Mineral Oils: Apparatus	16	1	0	1	1	1	1	0	4	1	1	0	1	0	0	0	0	0	0	0	1	0	29
198	Conveyors: Power-Driven	779	68	73	60	81	49	44	45	57	55	70	63	66	56	50	39	42	36	37	29	45	38	1882
200	Electricity: Circuit Makers and Breakers	566	43	31	30	32	32	32	32	54	38	20	21	39	31	51	41	33	35	30	21	24	28	1264
201	Distillation: Processes, Thermolytic	39	0	5	0	2	2	0	3	2	1	0	0	1	2	0	1	3	0	1	3	5	2	72
202	Distillation: Apparatus	250	8	6	10	11	9	8	15	8	7	9	5	8	6	5	2	3	2	6	5	6	4	393
203	Distillation: Processes, Separatory	182	14	25	24	9	43	7	12	28	20	8	9	11	3	6	8	5	0	4	7	4	8	437
204	Chemistry: Electrical and Wave Energy	623	46	58	37	44	58	33	50	36	38	56	67	45	39	29	19	23	15	21	12	30	23	1402
205	Electrolysis: Processes, Compositions Used Therein, and Methods of Preparing the Compositions	406	26	32	41	41	38	26	19	25	28	30	48	34	17	25	12	12	20	12	12	15	18	937
206	Special Receptacle or Package	2255	244	208	238	239	232	216	235	343	321	312	243	217	192	174	186	131	122	136	135	163	160	6702
208	Mineral Oils: Processes and Products	181	7	10	3	11	6	16	6	7	13	8	7	5	7	4	3	5	5	7	2	7	8	328
209	Classifying, Separating, and Assorting Solids	597	42	36	48	45	35	28	32	36	43	37	36	36	15	27	29	22	11	18	18	25	26	1242
210	Liquid Purification or Separation	2515	249	299	276	225	250	267	255	258	281	273	310	248	208	208	204	187	183	167	168	198	176	7405
211	Supports: Racks	943	134	133	114	126	97	144	134	190	153	156	139	124	120	105	96	95	71	46	46	73	103	3342
212	Traversing Hoists	142	12	8	10	6	4	5	8	17	16	10	9	8	8	5	5	5	7	11	10	4	3	313
213	Railway Draft Appliances	27	3	2	0	2	0	2	0	1	0	3	4	2	1	3	1	4	1	0	1	2	2	61
215	Bottles and Jars	597	50	42	34	33	51	32	35	42	50	41	38	33	23	22	20	19	16	9	15	23	26	1251
216	Etching a Substrate: Processes	78	8	8	9	14	9	4	6	10	7	5	4	11	10	16	9	4	6	6	6	3	5	238
217	Wooden Receptacles	26	0	1	1	2	2	1	0	2	1	2	1	0	0	0	2	0	0	1	0	3	2	47
218	High-Voltage Switches with Arc Preventing or Extinguishing Devices	25	1	1	2	2	0	2	0	0	0	2	3	0	0	2	0	1	0	0	0	0	0	41
219	Electric Heating	1273	114	94	89	82	99	93	82	110	126	180	125	127	113	128	102	114	86	49	46	55	50	3337

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
220	Receptacles	1340	176	161	175	158	154	156	145	182	219	184	186	154	119	106	68	83	67	63	84	100	121	4201
221	Article Dispensing	476	44	45	39	48	44	44	34	47	46	47	48	57	58	42	32	47	25	25	17	26	29	1320
222	Dispensing	1748	194	179	171	170	175	169	142	168	246	174	179	170	111	135	128	126	81	61	53	99	77	4756
223	Apparel Apparatus	299	40	32	18	17	21	34	45	39	47	61	54	26	20	34	21	22	35	25	8	21	17	936
224	Package and Article Carriers	1263	153	114	142	150	184	178	181	202	195	165	177	149	133	132	76	55	53	35	26	71	72	3906
225	Severing by Tearing or Breaking	140	16	24	10	8	10	12	6	12	12	10	8	4	14	7	11	7	6	3	4	8	1	333
226	Advancing Material of Indeterminate Length	168	1	2	5	5	3	4	3	5	6	2	4	4	2	2	1	2	1	4	0	1	0	225
227	Elongated-Member-Driving Apparatus	289	18	18	15	14	17	17	24	22	22	26	23	32	27	27	29	19	19	11	11	12	14	706
228	Metal Fusion Bonding	304	24	25	27	20	29	22	23	13	23	23	26	24	19	21	20	12	5	7	9	11	11	698
229	Envelopes, Wrappers, and Paperboard Boxes	394	68	50	49	53	44	35	37	62	63	56	53	45	32	12	19	24	21	9	10	20	22	1178
231	Whips and Whip Apparatus	8	2	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0	0	3	1	2	1	21
232	Deposit and Collection Receptacles	235	24	18	12	12	34	16	19	15	19	15	17	11	17	15	17	27	35	27	15	10	11	621
234	Selective Cutting (e.g., Punching)	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4
235	Registers	446	24	26	27	31	50	38	40	41	60	67	43	74	103	96	59	107	100	86	80	92	95	1785
236	Automatic Temperature and Humidity Regulation	316	11	18	19	19	15	8	10	15	13	22	14	13	14	10	7	10	15	8	6	10	14	587
237	Heating Systems	225	12	7	9	6	5	9	6	11	11	10	16	9	14	5	2	4	2	2	2	0	3	370
238	Railways: Surface Track	128	6	12	3	7	8	12	6	15	6	8	9	12	7	7	4	5	4	4	2	7	7	279
239	Fluid Sprinkling, Spraying, and Diffusing	1368	114	103	106	125	96	64	104	151	156	182	130	120	141	128	101	113	66	67	56	92	77	3660
241	Solid Material Comminution or Disintegration	706	63	58	87	68	59	70	59	61	81	62	43	57	58	50	41	53	56	42	62	57	66	1959
242	Winding, Tensioning, or Guiding	1082	54	61	71	67	49	66	72	94	106	86	90	107	90	52	57	54	55	73	46	46	40	2518
244	Aeronautics and Astronautics	782	83	91	76	62	53	58	39	86	86	99	91	99	93	91	71	78	51	39	54	58	80	2320
245	Wire Fabrics and Structure	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	0	0	7
246	Railway Switches and Signals	39	3	3	5	5	11	4	6	11	2	10	12	8	10	5	2	3	5	6	5	7	4	166
248	Supports	2322	366	359	252	248	244	250	242	369	325	364	326	344	310	233	171	189	183	149	194	271	200	7911
249	Static Molds	441	23	19	17	12	14	16	22	24	14	16	18	17	9	16	8	16	16	6	9	9	10	752
250	Radiant Energy	932	111	88	78	67	87	74	73	90	82	69	69	71	96	93	69	111	86	88	91	105	85	2715
251	Valves and Valve Actuation	583	34	47	49	54	39	32	33	39	43	49	35	44	41	39	48	55	25	25	14	23	20	1371
252	Compositions	288	21	26	10	19	19	30	23	31	33	37	39	20	21	30	15	13	18	12	12	20	25	762
254	Implements or Apparatus for Applying Pushing or Pulling Force	758	44	47	71	42	35	34	57	49	81	74	66	65	76	63	68	75	55	57	39	53	41	1950
256	Fences	315	25	26	21	29	25	26	37	34	30	33	32	21	42	34	35	27	18	29	29	17	14	899
257	Active Solid-State Devices (e.g., Transistors, Solid-State Diodes)	142	24	31	21	25	36	29	46	44	41	42	55	68	82	64	62	79	64	71	65	110	75	1276
258	Railway Mail Delivery	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
260	Chemistry of Carbon Compounds	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
261	Gas and Liquid Contact Apparatus	486	31	31	25	15	23	26	24	23	27	25	44	31	27	24	16	19	25	17	26	13	27	1005
264	Plastic and Nonmetallic Article Shaping or Treating: Processes	1108	89	103	111	89	99	90	93	124	105	106	90	104	87	89	46	63	45	26	43	82	72	2864
266	Metallurgical Apparatus	296	14	9	8	10	20	13	13	13	5	14	10	11	10	14	3	7	5	3	12	9	7	506
267	Spring Devices	194	10	12	14	14	13	17	12	16	17	14	16	20	13	11	3	12	7	10	9	6	6	446
269	Work Holders	687	40	52	42	33	29	49	26	48	58	63	44	43	46	40	20	30	23	14	9	14	32	1442
270	Sheet-Material Associating	82	6	2	5	3	3	3	2	4	2	4	2	1	2	2	4	2	1	2	0	5	5	142
271	Sheet Feeding or Delivering	212	19	18	22	10	13	15	7	9	6	8	6	11	7	4	6	4	5	3	7	12	5	409
273	Amusement Devices: Games	2303	220	209	190	245	249	215	223	255	224	198	211	223	195	136	110	131	133	124	126	131	96	6147
277	Seal for a Joint or Juncture	344	18	20	16	18	17	21	24	21	25	18	33	38	21	20	12	12	8	5	2	6	8	707
278	Land Vehicles: Animal Draft Appliances	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2
279	Chucks or Sockets	199	19	18	16	16	15	13	10	14	19	13	20	12	15	3	16	7	2	1	4	4	8	444
280	Land Vehicles	3443	324	276	323	363	345	342	251	409	402	468	456	426	386	364	335	333	335	303	280	339	310	10813
281	Books, Strips, and Leaves	210	26	24	29	19	26	24	30	34	44	25	22	17	7	12	9	11	6	3	5	7	7	597
283	Printed Matter	222	37	36	43	43	45	34	30	47	64	48	36	24	21	13	12	10	7	6	2	5	4	789
285	Pipe Joints or Couplings	769	61	59	64	70	65	59	41	70	75	49	52	51	49	43	33	38	31	51	30	43	33	1836
289	Knots and Knot Tying	62	4	2	1	1	1	3	7	2	6	4	9	5	4	5	2	3	2	3	6	2	4	138
290	Prime-Mover Dynamo Plants	410	9	10	7	12	23	8	7	22	13	23	29	26	15	60	47	64	58	79	71	80	106	1179
291	Track Sanders	9	0	1	0	0	0	3	0	0	0	1	0	1	0	1	4	0	0	0	1	1	1	23
292	Closure Fasteners	773	86	77	36	37	45	63	73	43	54	54	28	66	47	30	36	31	50	33	25	26	27	1740
293	Vehicle Fenders	113	17	12	10	6	3	5	12	8	7	9	14	9	12	9	9	11	8	8	7	5	8	302
294	Handling: Hand and Hoist-Line Implements	1136	74	80	98	97	106	117	109	148	130	123	81	119	76	45	46	67	76	58	50	71	74	2981
295	Railway Wheels and Axles	5	2	0	0	0	0	1	1	0	2	0	1	1	2	1	0	0	0	1	0	0	0	17
296	Land Vehicles: Bodies and Tops	1139	136	127	101	85	95	116	114	141	152	166	177	126	139	147	121	133	135	111	101	107	85	3754
297	Chairs and Seats	1226	115	118	82	165	120	171	161	183	220	263	159	176	181	179	139	180	134	164	121	153	123	4533
298	Land Vehicles: Dumping	116	8	5	8	7	9	5	5	8	7	10	11	7	12	18	9	9	3	5	3	8	11	284
299	Mining or In Situ Disintegration of Hard Material	289	15	16	16	6	11	8	11	10	12	10	15	8	12	7	4	9	6	23	15	14	8	525
300	Brush, Broom, and Mop Making	18	2	4	5	5	5	1	4	2	2	1	3	1	4	2	0	2	3	3	0	1	2	70
301	Land Vehicles: Wheels and Axles	204	26	31	24	25	17	26	13	27	29	40	45	43	40	34	27	27	24	20	14	19	27	782
303	Fluid-Pressure and Analogous Brake Systems	94	7	10	13	6	15	7	14	6	11	11	10	17	8	5	4	4	0	6	2	8	6	264
305	Wheel Substitutes for Land Vehicles	56	0	1	3	5	6	4	7	8	7	8	8	7	6	1	0	3	1	3	1	7	2	144
307	Electrical Transmission or Interconnection Systems	404	14	19	30	25	22	46	47	51	57	38	21	22	28	32	8	24	24	21	25	49	39	1046
310	Electrical Generator or Motor Structure	580	43	43	48	40	34	42	51	73	79	66	72	70	61	88	59	55	39	44	59	72	64	1782

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
312	Supports: Cabinet Structure	734	45	71	63	54	68	66	57	87	80	82	51	70	60	56	35	29	25	19	16	25	31	1824
313	Electric Lamp and Discharge Devices	167	21	14	8	10	11	21	18	23	32	23	19	23	28	20	14	25	15	16	10	21	19	558
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	514	74	44	50	37	64	45	29	59	47	65	64	58	71	43	54	47	36	23	24	38	46	1532
318	Electricity: Motive Power Systems	510	38	32	34	39	47	38	34	46	35	44	33	33	21	22	18	23	27	20	33	29	30	1186
320	Electricity: Battery or Capacitor Charging or Discharging	147	6	21	30	21	10	24	32	32	34	40	41	38	33	31	19	14	17	9	25	34	40	698
322	Electricity: Single Generator Systems	86	4	3	5	4	1	4	5	5	2	3	6	1	3	2	3	3	3	2	3	4	4	156
323	Electricity: Power Supply or Regulation Systems	130	10	15	10	7	7	11	12	13	9	11	16	19	5	8	11	11	10	7	9	7	6	344
324	Electricity: Measuring and Testing	945	68	96	74	80	98	108	52	98	82	91	97	118	97	95	76	97	78	74	66	62	65	2717
326	Electronic Digital Logic Circuitry	31	3	9	4	10	7	7	6	12	7	4	8	11	8	9	9	8	18	13	19	32	12	247
327	Miscellaneous Active Electrical Nonlinear Devices, Circuits, and Systems	177	8	21	13	16	10	16	11	20	23	23	24	23	17	20	14	21	9	19	13	18	12	528
329	Demodulators	18	3	0	1	2	1	2	1	0	0	1	0	1	0	1	0	0	0	0	2	0	0	33
330	Amplifiers	171	10	12	7	8	8	12	12	10	15	17	19	13	17	16	6	17	13	21	16	17	10	447
331	Oscillators	72	9	3	3	2	2	6	5	8	8	5	6	2	5	5	5	3	7	4	15	9	12	196
332	Modulators	18	3	1	0	1	5	3	0	2	1	1	2	0	1	0	0	1	2	0	0	3	3	47
333	Wave Transmission Lines and Networks	145	10	15	11	11	10	10	4	8	10	12	13	13	21	12	20	16	7	15	10	8	5	386
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	183	11	11	13	12	10	16	14	9	18	14	17	16	16	13	22	17	12	13	10	15	14	476
336	Inductor Devices	66	1	3	3	6	5	6	8	6	10	9	4	6	15	19	14	18	11	2	9	8	6	235
337	Electricity: Electrothermally or Thermally Actuated Switches	146	7	6	5	4	7	4	14	17	23	17	15	13	20	8	7	12	9	6	7	14	6	367
338	Electrical Resistors	105	12	6	8	6	0	6	3	4	6	8	2	4	4	2	0	2	0	2	0	5	5	190
340	Communications: Electrical	2091	224	179	164	165	222	273	314	372	378	431	381	319	223	308	309	394	311	349	271	320	271	8269
341	Coded Data Generation or Conversion	180	11	14	22	17	24	23	32	33	25	28	34	43	34	24	21	25	27	27	30	36	15	725
342	Communications: Directive Radio Wave Systems and Devices (e.g., Radar, Radio Navigation)	261	19	21	28	28	27	36	24	40	34	34	39	37	27	26	26	23	24	27	23	24	35	863
343	Communications: Radio Wave Antennas	338	31	9	25	19	27	31	24	29	37	43	52	50	24	26	47	43	47	41	35	37	25	1040
345	Computer Graphics Processing and Selective Visual Display Systems	214	28	27	21	46	47	47	76	86	108	112	122	112	107	82	85	104	99	74	66	117	78	1858
346	Recorders	80	3	0	0	1	2	2	0	1	3	0	1	0	0	0	0	0	1	0	0	0	0	94
347	Incremental Printing of Symbolic Information	80	7	6	1	6	6	4	9	17	10	19	16	22	20	19	23	30	25	33	9	16	12	390
348	Television	476	62	46	38	50	59	57	54	68	63	70	54	49	44	55	34	68	47	58	54	86	72	1664

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
349	Liquid Crystal Cells, Elements and Systems	55	4	12	6	4	17	19	11	9	7	7	12	9	12	11	12	8	1	5	10	12	16	259
351	Optics: Eye Examining, Vision Testing and Correcting	579	66	66	59	58	81	70	70	83	114	104	88	86	93	94	87	77	100	101	88	111	79	2354
352	Optics: Motion Pictures	153	16	10	6	1	3	6	10	7	14	5	8	4	6	8	3	5	4	4	3	3	0	279
353	Optics: Image Projectors	180	10	10	15	13	16	13	12	13	16	11	11	9	9	22	14	22	7	20	12	9	15	459
355	Photocopying	368	20	18	14	14	13	3	11	8	11	6	11	7	7	6	4	8	5	2	3	1	3	543
356	Optics: Measuring and Testing	633	62	59	48	38	67	61	61	70	76	75	32	60	58	73	55	62	70	62	64	70	60	1916
358	Facsimile and Static Presentation Processing	103	14	17	14	22	19	28	14	15	27	16	13	19	14	17	9	45	29	25	52	59	34	605
359	Optical: Systems and Elements	1186	105	128	105	93	89	96	79	136	138	129	154	159	122	113	120	128	99	106	72	96	79	3532
360	Dynamic Magnetic Information Storage or Retrieval	352	20	22	25	25	23	23	15	27	18	20	18	20	16	15	7	11	9	3	9	16	5	699
361	Electricity: Electrical Systems and Devices	673	45	66	70	46	72	91	87	117	84	98	115	119	108	114	88	78	110	92	94	131	95	2593
362	Illumination	1521	207	219	141	176	207	219	221	271	259	351	343	327	367	303	277	366	317	225	239	291	253	7100
363	Electric Power Conversion Systems	210	19	16	25	16	14	23	22	25	22	28	32	32	19	13	11	15	14	9	18	20	12	615
365	Static Information Storage and Retrieval	91	11	10	20	24	17	26	27	33	24	30	28	19	25	17	22	28	23	25	60	50	38	648
366	Agitating	708	43	33	34	47	55	66	44	57	65	46	65	45	39	28	30	26	27	27	24	29	37	1575
367	Communications, Electrical: Acoustic Wave Systems and Devices	265	23	41	36	23	26	19	16	19	16	17	23	15	11	15	19	15	14	32	13	27	9	694
368	Horology: Time Measuring Systems or Devices	445	47	43	45	52	27	25	39	43	43	30	50	47	36	45	26	45	31	36	25	37	34	1251
369	Dynamic Information Storage or Retrieval	248	14	11	16	16	31	19	21	21	17	22	18	22	27	15	11	14	8	11	20	26	13	621
370	Multiplex Communications	150	10	13	12	10	34	28	28	34	28	35	35	25	22	39	32	71	63	78	128	196	105	1176
372	Coherent Light Generators	186	24	13	14	21	26	18	22	19	14	16	16	14	26	39	23	21	13	15	22	15	24	601
373	Industrial Electric Heating Furnaces	88	3	5	5	3	5	3	0	0	7	12	6	6	3	3	1	1	0	3	1	0	1	156
374	Thermal Measuring and Testing	254	22	13	15	15	8	10	18	29	11	22	14	15	13	14	13	14	13	12	12	15	9	561
375	Pulse or Digital Communications	133	19	19	15	16	24	31	29	33	40	33	21	27	30	31	30	66	63	44	61	83	47	895
376	Induced Nuclear Reactions: Processes, Systems, and Elements	173	9	18	14	10	12	9	4	12	8	2	4	4	5	6	4	1	1	1	2	1	4	304
377	Electrical Pulse Counters, Pulse Dividers, or Shift Registers: Circuits and Systems	142	5	9	5	3	5	6	1	1	4	6	3	6	2	3	2	4	1	0	0	0	0	208
378	X-Ray or Gamma Ray Systems or Devices	306	42	35	31	28	25	33	22	36	18	32	28	26	26	17	23	30	32	29	40	39	21	919
379	Telephonic Communications	668	75	64	34	51	75	76	80	102	72	63	73	57	72	72	59	68	52	40	51	52	53	2009
380	Cryptography	86	20	11	15	23	12	15	22	22	8	18	15	11	4	8	8	15	11	8	12	33	18	395
381	Electrical Audio Signal Processing Systems and Devices	583	33	47	43	47	40	57	63	115	63	60	43	68	68	68	52	71	56	42	47	71	110	1847
382	Image Analysis	123	22	24	25	18	26	35	39	52	58	66	51	42	59	59	53	98	78	57	81	117	114	1297
383	Flexible Bags	241	40	29	28	37	27	21	21	23	45	51	44	25	15	13	18	15	12	13	10	10	19	757
384	Bearings	379	26	31	21	34	37	25	16	25	23	20	32	25	18	11	13	9	7	8	6	4	4	774

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
385	Optical Waveguides	216	48	26	30	31	31	39	32	67	62	59	57	79	74	66	70	106	60	54	47	39	22	1315
386	Motion Video Signal Processing for Recording or Reproducing	93	13	7	7	3	4	6	11	7	10	11	10	13	5	10	2	4	7	10	6	7	11	257
388	Electricity: Motor Control Systems	42	4	1	1	7	3	4	1	0	4	1	1	0	0	1	0	3	1	1	0	1	0	76
392	Electric Resistance Heating Devices	257	14	22	20	21	21	13	16	27	32	31	31	23	18	12	23	23	22	13	16	15	16	686
396	Photography	592	44	26	20	29	15	34	27	61	42	24	21	29	39	34	16	15	22	21	33	34	46	1224
398	Optical Communications	84	7	4	5	9	7	9	7	9	9	6	7	10	15	9	12	16	14	12	21	26	16	314
399	Electrophotography	58	6	10	11	10	13	6	12	9	9	7	20	8	10	4	8	17	5	4	8	6	4	245
400	Typewriting Machines	251	27	19	31	23	31	22	15	20	19	20	11	14	20	25	16	16	9	4	3	5	6	607
401	Coating Implements with Material Supply	446	78	45	37	59	46	33	23	36	110	98	124	90	77	89	71	71	59	57	37	41	37	1764
402	Binder Device Releasably Engaging Aperture or Notch of Sheet	146	20	19	15	15	11	18	17	23	13	22	10	15	14	9	8	6	5	7	1	8	0	402
403	Joints and Connections	786	60	63	55	46	49	52	57	61	64	44	76	63	58	44	30	29	22	28	14	20	21	1742
404	Road Structure, Process, or Apparatus	589	80	52	72	59	61	51	51	46	57	63	49	66	56	71	41	84	54	46	57	64	42	1811
405	Hydraulic and Earth Engineering	1298	166	150	148	87	90	142	99	135	151	101	107	147	128	118	100	135	83	98	82	96	82	3743
406	Conveyors: Fluid Current	162	19	13	10	4	5	8	6	7	7	8	14	12	11	6	3	10	1	0	3	5	1	315
407	Cutters, for Shaping	98	12	7	9	3	2	2	8	8	9	9	12	3	8	1	6	6	10	9	4	2	1	229
408	Cutting by Use of Rotating Axially Moving Tool	518	57	43	32	45	44	25	35	56	47	22	40	27	31	19	17	32	21	19	19	15	11	1175
409	Gear Cutting, Milling, or Planing	285	20	18	18	14	17	19	27	29	25	31	18	21	20	16	18	16	19	12	12	9	7	671
410	Freight Accommodation On Freight Carrier	216	22	16	16	20	30	23	16	28	35	47	47	37	47	48	34	41	34	30	28	28	31	874
411	Expanded, Threaded, Driven, Headed, Tool-Deformed, or Locked-Threaded Fastener	490	39	53	54	42	49	52	52	63	59	55	46	42	34	35	27	28	13	15	15	29	34	1326
412	Bookbinding: Process and Apparatus	34	3	4	6	3	4	4	6	7	4	7	10	9	1	1	3	1	0	2	1	3	2	115
413	Sheet Metal Container Making	14	1	2	1	2	0	2	1	2	0	1	1	0	0	2	0	2	4	1	0	0	1	37
414	Material or Article Handling	1825	153	133	125	138	142	142	112	131	144	167	86	113	92	101	62	56	58	49	52	57	67	4005
415	Rotary Kinetic Fluid Motors or Pumps	342	22	32	24	22	22	29	13	13	13	23	30	37	39	31	36	31	36	16	15	33	34	893
416	Fluid Reaction Surfaces (i.e., Impellers)	393	9	22	40	30	36	31	24	17	29	43	36	42	29	35	30	34	29	29	14	26	35	1013
417	Pumps	1009	75	64	76	58	69	69	68	71	74	113	102	103	100	62	26	37	27	21	23	21	53	2321
418	Rotary Expansible Chamber Devices	327	20	23	18	25	22	20	17	17	12	31	27	24	22	14	10	11	6	9	12	15	7	689
419	Powder Metallurgy Processes	58	6	2	1	7	4	7	7	4	5	4	2	4	4	5	2	2	2	2	4	2	5	139
420	Alloys or Metallic Compositions	119	7	6	4	8	6	1	3	2	4	0	1	7	6	3	3	1	1	1	1	2	2	188
422	Chemical Apparatus and Process Disinfecting, Deodorizing, Preserving, or Sterilizing	631	68	90	77	82	106	75	72	89	94	89	91	92	84	62	56	47	51	61	36	85	87	2225
423	Chemistry of Inorganic Compounds	528	33	28	26	30	28	24	17	27	28	24	41	34	36	24	15	23	24	18	13	37	29	1087
424	Drug, Bio-Affecting and Body Treating Compositions	1119	133	152	156	130	147	190	253	307	339	296	369	354	322	207	136	188	156	144	135	208	216	5657

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
425	Plastic Article or Earthenware Shaping or Treating: Apparatus	1198	84	75	81	83	69	67	57	76	63	65	49	56	47	48	30	47	62	41	37	36	37	2408
426	Food or Edible Material: Processes, Compositions, and Products	1077	104	99	94	88	98	111	107	105	154	159	166	121	98	94	47	52	46	21	24	36	41	2942
427	Coating Processes	667	52	62	38	64	74	58	64	80	73	75	77	58	65	51	24	22	24	29	26	43	40	1766
428	Stock Material or Miscellaneous Articles	1796	159	165	173	181	209	207	214	260	270	244	223	166	214	172	109	93	93	53	59	91	125	5276
429	Chemistry: Electrical Current Producing Apparatus, Product, and Process	286	18	17	20	22	35	71	30	29	32	27	28	24	40	16	24	21	15	12	24	31	28	850
430	Radiation Imagery Chemistry: Process, Composition, or Product Thereof	289	23	14	12	16	23	28	13	23	22	27	25	34	27	25	19	22	14	13	10	23	11	713
431	Combustion	476	31	33	30	41	38	42	25	51	59	61	69	38	62	52	46	31	23	14	23	23	9	1277
432	Heating	311	16	12	9	7	3	2	10	11	15	12	9	11	17	5	4	6	4	3	1	5	1	474
433	Dentistry	1476	184	173	143	157	107	145	133	222	203	154	191	134	113	82	98	142	93	68	30	71	67	4186
434	Education and Demonstration	1086	82	100	130	107	86	107	97	147	136	143	89	101	123	94	88	71	68	46	49	51	69	3070
435	Chemistry: Molecular Biology and Microbiology	689	66	71	89	99	114	126	182	225	252	205	246	175	179	139	121	154	122	100	142	167	153	3816
436	Chemistry: Analytical and Immunological Testing	309	23	24	33	31	29	42	39	53	38	41	43	30	38	30	9	18	35	30	32	36	30	993
438	Semiconductor Device Manufacturing: Process	129	16	19	20	16	33	24	20	36	52	56	68	66	83	72	44	51	41	61	52	84	59	1102
439	Electrical Connectors	1061	116	141	118	138	120	133	130	175	150	210	194	158	139	177	159	205	167	143	117	131	130	4212
440	Marine Propulsion	446	57	39	53	44	45	48	51	55	50	56	44	40	50	46	45	60	34	40	29	31	30	1393
441	Buoys, Rafts, and Aquatic Devices	433	45	51	41	65	59	51	56	66	50	55	54	59	55	45	55	64	52	40	36	34	29	1495
442	Fabric (Woven, Knitted, or Nonwoven Textile or Cloth, Etc.)	142	5	11	8	13	16	10	9	22	29	20	15	10	8	9	5	5	10	9	8	9	9	382
445	Electric Lamp or Space Discharge Component or Device Manufacturing	16	1	2	2	3	2	1	5	2	9	5	4	3	4	3	3	3	2	1	2	3	4	80
446	Amusement Devices: Toys	1217	126	123	107	122	103	109	79	140	135	181	157	176	172	141	99	68	65	53	39	70	72	3554
449	Bee Culture	87	6	3	0	3	2	1	5	2	1	2	1	3	5	3	1	4	0	3	3	3	4	142
450	Foundation Garments	110	6	8	9	4	11	6	14	20	34	49	37	32	14	18	15	22	20	23	15	20	21	508
451	Abrading	901	84	81	96	69	73	81	88	80	92	101	121	93	81	96	84	100	53	42	45	36	42	2539
452	Butchering	447	28	40	36	40	31	33	21	17	22	32	31	11	19	15	16	28	23	30	24	17	17	978
453	Coin Handling	51	9	4	3	4	5	2	4	0	1	4	1	3	2	8	0	2	0	0	2	2	2	109
454	Ventilation	458	38	54	34	42	24	36	34	44	45	41	59	58	47	46	35	31	19	12	15	14	14	1200
455	Telecommunications	292	35	30	25	15	33	54	34	55	60	72	61	68	82	95	82	147	145	98	152	195	166	1996
460	Crop Threshing or Separating	70	8	8	5	4	8	12	1	9	5	8	5	5	2	4	4	4	2	1	2	4	2	173
462	Books, Strips, and Leaves for Manifolding	40	1	8	10	3	5	3	1	1	0	2	4	0	0	0	0	0	1	1	0	0	0	80
463	Amusement Devices: Games	226	29	24	28	40	25	36	28	65	52	63	63	52	58	43	47	39	44	47	24	54	78	1165
464	Rotary Shafts, Gudgeons, Housings, and Flexible Couplings for Rotary Shafts	148	3	8	8	10	11	10	7	10	4	9	23	10	14	9	7	11	3	3	3	2	6	319

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
470	Threaded, Headed Fastener, or Washer Making: Process and Apparatus	55	1	3	6	3	4	2	2	4	4	2	0	3	3	1	1	2	1	1	1	1	4	104
472	Amusement Devices	227	21	18	29	21	22	24	26	47	31	25	21	23	28	19	22	18	12	12	10	27	35	718
473	Games Using Tangible Projectile	2407	321	327	301	386	423	395	363	471	382	324	316	308	310	290	255	299	263	198	196	267	266	9068
474	Endless Belt Power Transmission Systems or Components	280	27	13	24	33	34	23	25	17	14	28	13	19	10	6	7	11	5	8	6	13	9	625
475	Planetary Gear Transmission Systems or Components	268	36	33	26	20	22	25	19	24	35	35	21	22	25	16	25	15	19	22	16	19	14	757
476	Friction Gear Transmission Systems or Components	33	3	3	2	0	4	7	1	2	2	5	2	2	1	2	3	2	1	2	1	3	1	82
477	Interrelated Power Delivery Controls, Including Engine Control	81	7	2	1	4	6	8	6	5	5	4	1	4	6	3	4	7	2	7	4	8	6	181
482	Exercise Devices	1752	220	227	219	249	221	275	281	324	308	304	274	252	262	263	185	310	230	221	245	340	352	7314
483	Tool Changing	22	4	2	0	3	1	1	3	1	6	6	1	4	2	1	0	4	2	3	5	2	0	73
492	Roll or Roller	48	1	1	5	2	8	3	6	5	5	3	1	1	2	3	0	2	0	0	1	2	5	104
493	Manufacturing Container or Tube From Paper; or Other Manufacturing From a Sheet or Web	277	24	41	19	23	17	16	11	30	21	24	11	16	25	15	13	12	7	15	11	7	5	640
494	Imperforate Bowl: Centrifugal Separators	79	6	2	7	8	3	4	5	8	7	6	7	8	2	3	3	2	3	0	4	1	6	174
501	Compositions: Ceramic	96	9	12	6	13	11	13	7	10	11	5	12	12	14	5	6	4	5	6	5	2	3	267
502	Catalyst, Solid Sorbent, or Support Therefor: Product or Process of Making	139	17	17	21	9	10	8	8	12	16	18	11	14	4	4	2	5	8	8	7	13	9	360
503	Record Receiver Having Plural Interactive Leaves or a Colorless Color Former, Method of Use, or Developer Therefor	23	3	1	2	4	0	4	2	4	4	0	2	1	0	3	1	2	3	3	2	5	2	71
504	Plant Protecting and Regulating Compositions	66	8	18	8	5	5	8	11	10	28	14	16	11	9	5	5	4	4	1	5	2	5	248
505	Superconductor Technology: Apparatus, Material, Process	7	5	10	8	6	9	7	8	3	8	6	5	2	3	4	5	1	1	0	3	0	5	106
506	Combinatorial Chemistry Technology: Method, Library, Apparatus	0	0	0	0	0	0	6	2	3	8	9	3	6	11	4	3	1	0	0	4	4	4	68
507	Earth Boring, Well Treating, and Oil Field Chemistry	41	2	5	3	1	1	1	3	7	5	3	1	5	6	11	8	2	1	1	9	7	4	127
508	Solid Anti-Friction Devices, Materials Therefor, Lubricant or Separant Compositions for Moving Solid Surfaces, and Miscellaneous Mineral Oil Compositions	65	6	7	7	5	9	8	8	11	13	10	10	7	8	4	2	6	5	2	4	9	5	211
510	Cleaning Compositions for Solid Surfaces, Auxiliary Compositions Therefor, or Processes of Preparing the Compositions	141	15	10	11	12	19	22	23	34	41	23	29	30	30	26	12	21	10	13	16	8	23	569
512	Perfume Compositions	8	0	2	0	3	0	0	1	1	1	3	1	1	1	1	0	0	0	1	0	2	0	26
514	Drug, Bio-Affecting and Body Treating Compositions	1246	172	125	117	114	143	181	205	234	266	238	268	240	200	144	125	116	109	80	100	168	159	4750
516	Colloid Systems and Wetting Agents; Subcombinations Thereof; Processes Of	26	1	4	2	2	2	3	4	2	5	4	5	3	7	2	2	2	1	3	4	4	1	89

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
518	Chemistry: Fischer-Tropsch Processes; or Purification or Recovery of Products Thereof	6	0	1	0	2	2	1	0	1	0	1	4	1	0	2	1	2	3	1	0	0	3	31
521	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	203	14	20	17	8	16	8	13	17	18	9	15	11	16	5	8	1	3	2	3	1	14	422
522	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	17	1	3	2	1	6	5	1	2	5	4	2	1	6	3	3	3	1	0	0	2	1	69
523	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	174	12	11	13	11	16	13	11	20	15	13	14	12	12	6	4	6	7	3	4	13	9	399
524	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	273	24	33	22	28	26	32	24	40	29	25	22	27	30	18	17	23	13	12	15	20	13	766
525	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	188	20	19	19	12	13	10	12	15	11	10	14	13	11	9	5	7	13	5	3	6	7	422
526	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	88	9	5	10	9	1	7	4	9	9	8	14	8	23	8	6	6	2	3	4	4	6	243
527	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	23	1	1	2	1	3	0	1	1	0	2	0	0	1	1	0	1	0	0	0	0	0	38
528	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	158	15	14	23	13	11	6	11	15	12	9	14	15	7	7	12	9	13	9	6	6	11	396
530	Chemistry: Natural Resins or Derivatives; Peptides or Proteins; Lignins or Reaction Products Thereof	174	13	20	14	18	13	13	36	46	38	18	40	30	34	32	12	17	25	29	21	32	27	702
534	Organic Compounds -- Part of the Class 532-570 Series	25	3	1	1	1	1	1	2	2	1	0	0	1	1	0	0	0	1	1	0	2	1	45
536	Organic Compounds -- Part of the Class 532-570 Series	98	7	11	11	5	15	24	18	34	31	19	31	20	25	17	14	22	21	13	17	20	24	497
540	Organic Compounds -- Part of the Class 532-570 Series	50	4	2	3	1	3	1	8	2	5	0	3	3	2	3	0	3	2	1	1	1	2	100
544	Organic Compounds -- Part of the Class 532-570 Series	65	3	3	6	6	4	3	2	2	4	3	1	3	3	5	5	5	1	0	0	5	9	138
546	Organic Compounds -- Part of the Class 532-570 Series	55	1	2	7	7	3	8	8	6	6	6	5	3	10	4	6	11	3	11	8	11	10	191
548	Organic Compounds -- Part of the Class 532-570 Series	62	5	7	4	4	5	6	2	4	7	2	2	3	3	2	3	4	4	2	3	6	10	150
549	Organic Compounds -- Part of the Class 532-570 Series	67	6	2	9	3	1	1	7	6	7	5	10	9	4	2	5	6	7	2	2	1	1	163
552	Organic Compounds -- Part of the Class 532-570 Series	24	5	1	0	0	1	0	0	1	2	0	1	1	1	2	0	0	1	0	0	0	1	41
554	Organic Compounds -- Part of the Class 532-570 Series	42	3	3	2	7	4	3	3	4	3	4	6	9	8	4	3	4	5	2	3	0	6	128
556	Organic Compounds -- Part of the Class 532-570 Series	46	6	4	5	2	6	6	6	3	8	3	4	2	9	2	3	1	5	5	1	2	4	133
558	Organic Compounds -- Part of the Class 532-570 Series	46	2	2	3	1	2	5	1	4	4	3	1	2	0	1	0	4	2	0	1	1	3	88
560	Organic Compounds -- Part of the Class 532-570 Series	63	7	4	3	5	6	5	6	4	4	1	7	7	4	3	0	1	3	3	2	3	1	142
	Organic Compounds -- Part of the Class																							

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
562	532-570 Series	58	4	3	9	5	3	4	8	5	4	5	6	6	8	2	2	4	5	2	0	5	2	150
564	Organic Compounds -- Part of the Class 532-570 Series	49	4	6	2	2	10	3	4	3	2	5	10	7	3	2	2	6	4	1	0	3	3	131
568	Organic Compounds -- Part of the Class 532-570 Series	81	11	9	5	5	4	6	3	10	13	6	6	4	7	6	2	3	4	3	2	11	6	207
570	Organic Compounds -- Part of the Class 532-570 Series	18	0	5	0	0	0	1	4	2	3	1	5	0	0	0	0	0	2	0	0	1	2	44
585	Chemistry of Hydrocarbon Compounds	78	9	6	7	1	6	10	8	17	12	8	11	4	8	4	6	5	1	6	4	4	12	227
588	Hazardous or Toxic Waste Destruction or Containment	105	2	6	10	15	17	16	22	18	16	11	5	6	3	2	3	2	2	4	4	3	7	279
600	Surgery	1803	219	196	230	247	269	216	201	374	301	327	267	328	264	178	147	180	128	132	123	171	178	6479
601	Surgery: Kinesitherapy	507	62	67	41	36	60	51	40	73	43	49	69	50	49	45	41	68	66	47	23	33	40	1560
602	Surgery: Splint, Brace, or Bandage	696	80	62	56	62	76	58	71	121	102	109	80	70	95	63	63	69	32	36	45	76	76	2198
604	Surgery	2195	295	327	351	400	335	297	286	360	271	260	242	245	302	196	139	135	101	106	97	192	174	7306
606	Surgery	1469	213	230	252	289	275	310	393	438	433	394	328	277	320	188	149	146	145	82	103	166	189	6789
607	Surgery: Light, Thermal, and Electrical Application	476	59	54	47	47	58	60	43	74	74	84	84	75	75	59	48	45	57	33	28	42	57	1679
623	Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor	791	73	105	82	89	78	125	96	116	118	136	157	148	147	136	98	105	71	55	63	91	98	2978
700	Data Processing: Generic Control Systems or Specific Applications	218	31	31	26	36	29	51	35	52	45	45	55	60	84	74	64	77	58	65	50	64	93	1343
701	Data Processing: Vehicles, Navigation, and Relative Location	101	11	15	15	18	28	20	20	30	31	37	67	67	54	48	64	48	47	46	44	65	81	957
702	Data Processing: Measuring, Calibrating, or Testing	189	25	18	24	29	15	37	37	42	45	39	43	67	83	89	66	77	76	77	55	73	62	1268
703	Data Processing: Structural Design, Modeling, Simulation, and Emulation	16	4	5	4	4	4	6	15	15	14	9	12	19	11	9	20	38	25	27	22	30	26	335
704	Data Processing: Speech Signal Processing, Linguistics, Language Translation, and Audio Compression/Decompression	74	14	13	9	14	12	12	15	35	35	18	37	28	19	23	12	31	26	30	23	43	32	555
705	Data Processing: Financial, Business Practice, Management, or Cost/Price Determination	105	17	23	33	34	14	31	47	82	144	118	70	75	81	61	114	192	149	196	249	433	407	2675
706	Data Processing: Artificial Intelligence	14	8	5	7	7	14	15	11	36	16	21	19	22	28	21	11	22	16	17	34	70	60	474
707	Data Processing: Database and File Management or Data Structures	17	3	2	8	13	16	14	21	49	56	42	44	55	76	81	55	70	78	73	72	163	136	1144
708	Electrical Computers: Arithmetic Processing and Calculating	172	11	13	22	16	10	18	14	17	17	13	9	14	10	12	10	13	9	9	14	12	15	450
709	Electrical Computers and Digital Processing Systems: Multicomputer Data Transferring	11	0	2	5	1	7	14	9	41	34	46	46	52	44	65	54	74	77	56	108	184	132	1062
710	Electrical Computers and Digital Data Processing Systems: Input/Output	47	8	4	7	6	8	12	15	21	18	23	16	12	23	16	15	21	17	11	27	25	24	376
	Electrical Computers and Digital																							

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
711	Processing Systems: Memory	47	7	5	7	7	10	13	15	16	11	12	11	10	15	14	13	26	18	28	31	36	34	386
712	Electrical Computers and Digital Processing Systems: Processing Architectures and Instruction Processing (e.g., Processors)	44	1	5	7	3	7	11	12	19	9	4	9	6	5	2	4	10	7	7	11	18	21	222
713	Electrical Computers and Digital Processing Systems: Support	35	11	8	9	11	10	14	18	23	14	21	24	18	16	16	23	45	34	33	46	85	47	561
714	Error Detection/Correction and Fault Detection/Recovery	75	11	9	4	14	15	14	16	20	13	10	19	11	23	24	19	20	38	26	60	58	27	526
715	Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing	47	6	12	14	13	14	14	25	35	38	24	40	23	29	30	32	64	49	35	37	87	48	716
716	Computer-Aided Design and Analysis of Circuits and Semiconductor Masks	3	0	1	0	2	2	3	4	6	4	2	13	16	22	18	10	23	28	26	30	45	13	271
717	Data Processing: Software Development, Installation, and Management	8	1	2	0	4	6	7	5	7	16	12	14	11	7	10	10	9	12	14	16	36	26	233
718	Electrical Computers and Digital Processing Systems: Virtual Machine Task or Process Management or Task Management/Control	2	1	0	1	2	5	1	2	6	3	5	2	0	0	1	3	2	2	5	6	3	10	62
719	Electrical Computers and Digital Processing Systems: Interprogram Communication or Interprocess Communication (Ipc)	1	0	0	1	0	2	1	1	4	0	2	2	4	6	3	2	6	0	4	6	14	6	65
720	Dynamic Optical Information Storage or Retrieval	8	2	1	0	0	3	3	1	5	4	5	2	6	7	7	8	6	1	7	7	4	6	93
725	Interactive Video Distribution Systems	55	10	7	3	10	7	18	9	16	24	12	19	12	11	11	6	12	8	7	15	32	37	341
726	Information Security	16	0	3	0	5	2	3	4	11	15	16	15	11	11	13	17	31	20	15	33	42	46	329
800	Multicellular Living Organisms and Unmodified Parts Thereof and Related Processes	12	2	0	2	3	5	2	8	27	24	13	14	18	14	16	15	16	15	20	12	18	12	268
850	Scanning-Probe Techniques or Apparatus; Applications of Scanning-Probe Techniques, e.g., Scanning Probe Microscopy [Spm]	8	0	2	1	2	1	6	3	3	2	1	1	0	4	3	1	0	0	0	0	2	2	42
D01	Edible Products	71	17	8	12	12	8	17	19	20	24	25	28	14	7	26	12	13	13	22	20	19	22	429
D02	Apparel and Haberdashery	876	107	70	149	156	165	175	167	275	232	184	144	193	168	150	120	159	208	271	297	354	301	4921
D03	Travel Goods and Personal Belongings	1100	177	162	216	212	197	204	199	263	279	249	224	211	212	184	166	262	229	242	235	279	242	5744
D04	Brushware	248	34	35	57	39	62	62	43	62	46	76	72	88	52	31	26	52	30	60	27	49	31	1282
D05	Textile or Paper Yard Goods; Sheet Material	49	2	5	4	2	6	2	9	9	6	14	18	5	16	9	5	12	11	16	10	11	15	236
D06	Furnishings	3619	390	405	561	449	600	541	486	624	586	653	595	629	528	414	311	430	600	483	490	470	430	14294
D07	Equipment for Preparing or Serving Food or Drink Not Elsewhere Specified	1606	155	170	251	238	229	312	201	279	242	318	295	225	288	262	189	347	321	350	321	373	307	7279
D08	Tools and Hardware	2092	301	296	384	352	399	356	305	453	394	481	363	310	420	375	249	399	449	485	414	385	304	9966
D09	Packages and Containers for Goods	825	137	96	128	129	131	141	142	135	131	165	169	137	168	113	104	141	168	190	197	201	158	3906

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
D10	Measuring, Testing, or Signalling Instruments	1141	187	147	241	244	238	171	160	240	235	202	179	177	143	157	131	152	184	213	158	135	119	4954
D11	Jewelry, Symbolic Insignia, and Ornaments	1265	132	111	145	163	171	153	161	185	176	202	213	210	166	164	153	198	215	251	199	204	191	5028
D12	Transportation	1543	210	241	253	251	233	298	244	337	253	333	247	221	253	285	237	277	317	331	314	291	213	7182
D13	Equipment for Production, Distribution, or Transformation of Energy	279	47	41	52	55	64	47	60	68	95	100	92	99	100	55	37	82	85	119	108	66	85	1836
D14	Recording, Communication, or Information Retrieval Equipment	741	106	86	137	115	144	149	147	177	165	218	167	167	174	158	89	152	168	164	165	172	168	3929
D15	Machines Not Elsewhere Specified	660	46	103	100	62	116	77	65	87	55	67	59	57	77	79	58	103	131	89	94	107	75	2367
D16	Photography and Optical Equipment	303	34	49	43	53	42	74	58	75	70	94	48	58	86	47	45	46	87	71	79	67	73	1602
D17	Musical Instruments	278	29	27	28	27	25	19	19	33	35	22	35	20	32	21	18	38	22	47	26	36	34	871
D18	Printing and Office Machinery	195	24	15	20	13	11	18	12	17	17	25	16	24	20	12	11	43	27	27	39	10	18	614
D19	Office Supplies; Artists' and Teachers' Materials	693	112	92	117	119	136	95	109	142	120	132	123	90	103	109	87	83	98	144	90	63	104	2961
D20	Sales and Advertising Equipment	296	47	34	56	55	57	40	75	85	62	64	54	22	70	55	35	41	47	34	45	55	64	1393
D21	Games, Toys, and Sports Goods	2969	424	392	386	435	426	378	384	555	405	455	434	341	299	273	260	354	313	358	273	291	321	10726
D22	Arms, Pyrotechnics, Hunting and Fishing Equipment	697	49	66	89	96	103	114	81	86	111	92	86	100	93	72	71	108	115	88	109	122	134	2682
D23	Environmental Heating and Cooling; Fluid Handling and Sanitary Equipment	1242	205	158	144	201	204	154	155	212	211	256	196	197	204	192	193	251	230	278	179	233	198	5493
D24	Medical and Laboratory Equipment	1140	130	159	184	187	187	186	178	213	192	200	233	190	163	108	84	145	213	214	204	312	243	5065
D25	Building Units and Construction Elements	771	50	52	78	104	83	93	108	115	128	137	115	139	126	124	107	80	129	122	116	158	89	3024
D26	Lighting	637	99	88	84	128	136	174	146	209	162	253	311	261	249	199	135	228	283	288	233	203	222	4728
D27	Tobacco and Smokers' Supplies	205	13	4	7	14	18	19	17	44	49	34	35	34	36	35	35	57	57	40	22	31	19	825
D28	Cosmetic Products and Toilet Articles	632	53	35	65	86	75	74	91	89	84	158	133	93	102	98	61	77	63	71	80	90	109	2419
D29	Equipment for Safety, Protection, and Rescue	221	23	33	46	48	62	59	46	41	47	55	31	52	40	40	23	40	75	65	56	42	57	1202
D30	Animal Husbandry	516	68	62	88	83	77	82	92	69	74	119	61	59	64	61	68	86	78	106	86	120	106	2225
D32	Washing, Cleaning, or Drying Machine	386	55	39	54	82	89	70	85	86	67	64	49	56	68	40	30	50	88	85	64	70	67	1744
D34	Material or Article Handling Equipment	451	82	110	114	94	98	65	56	101	70	78	68	67	83	58	34	119	120	66	82	64	89	2169
D99	Miscellaneous	167	17	24	34	28	42	29	37	39	33	38	53	30	62	44	27	36	29	19	14	45	28	875
PLT	Plants	1114	119	75	101	97	78	83	91	124	101	91	125	261	232	156	105	199	163	268	270	231	187	4271
ALL	ALL CLASSES	222903	21886	20839	21043	21804	22220	22853	21949	28126	27824	28133	26857	25399	24578	21809	18076	21543	19455	18369	17727	22123	20466	695982

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 - 12/31/2011*

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
001	** Classification Undetermined **	7	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	0	11
002	Apparel	2403	356	308	254	268	272	363	400	472	549	472	456	390	278	299	246	274	193	165	132	249	262	9061
004	Baths, Closets, Sinks, and Spitoons	2263	259	218	247	271	217	204	225	271	347	277	273	299	253	222	168	176	160	135	86	159	190	6920
005	Beds	2369	288	288	244	244	243	281	262	294	292	298	253	222	234	244	230	209	143	168	168	199	184	7357
007	Compound Tools	404	51	39	62	56	38	51	41	53	51	63	67	45	38	48	37	47	47	18	20	28	25	1329
008	Bleaching and Dyeing; Fluid Treatment and Chemical Modification of Textiles and Fibers	341	16	18	26	26	24	28	21	28	35	31	27	18	25	13	13	12	15	11	10	17	11	766
012	Boot and Shoe Making	154	7	4	8	8	6	4	6	9	18	8	10	4	9	8	8	7	6	6	3	5	10	308
014	Bridges	203	26	18	13	16	26	27	19	15	24	21	11	24	22	28	21	22	22	16	14	16	19	623
015	Brushing, Scrubbing, and General Cleaning	3126	319	255	252	298	290	317	267	362	404	414	328	290	283	217	167	158	178	175	158	203	195	8656
016	Miscellaneous Hardware (e.g., Bushing, Carpet Fastener, Caster, Door Closer, Panel Hanger, Attachable or Adjunct Handle, Hinge, Window Sash Balance, Etc.)	1237	113	91	97	126	113	159	136	181	151	141	142	180	148	131	104	100	86	61	77	106	91	3771
019	Textiles: Fiber Preparation	182	15	9	8	17	17	8	12	9	16	13	16	18	5	2	0	4	5	4	4	4	5	373
023	Chemistry: Physical Processes	63	2	5	0	6	3	1	1	4	1	4	2	3	2	1	0	1	2	0	2	2	2	107
024	Buckles, Buttons, Clasps, Etc.	2437	245	219	185	202	201	224	240	244	240	240	242	217	240	163	121	150	125	114	108	143	137	6437
026	Textiles: Cloth Finishing	86	7	2	4	3	5	7	7	4	6	5	4	4	0	1	0	2	3	1	2	4	0	157
027	Undertaking	96	11	7	8	11	11	5	16	16	13	9	15	11	18	7	3	9	18	17	13	17	22	353
028	Textiles: Manufacturing	184	7	14	13	10	14	13	13	11	15	15	8	7	5	13	6	6	6	3	4	4	2	373
029	Metal Working	3684	308	254	284	247	240	224	252	232	224	257	260	258	238	223	192	221	178	124	126	161	196	8383
030	Cutlery	2277	253	190	180	192	184	209	167	218	232	220	197	201	190	177	130	136	116	70	81	101	105	5826
033	Geometrical Instruments	2736	255	238	185	184	230	192	151	206	170	205	205	189	206	216	208	165	171	144	161	170	160	6747
034	Drying and Gas or Vapor Contact with Solids	1046	70	76	89	79	77	69	71	79	103	107	71	67	51	52	49	46	34	43	19	27	36	2361
036	Boots, Shoes, and Leggings	1144	81	77	90	92	100	96	113	173	149	128	117	105	107	107	83	83	77	73	65	112	77	3249

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
037	Excavating	788	64	67	65	41	50	62	53	65	80	78	63	75	54	51	47	47	28	24	48	66	39	1955
038	Textiles: Ironing or Smoothing	206	23	15	14	17	12	19	15	14	23	20	19	12	9	19	11	8	21	9	11	14	3	514
040	Card, Picture, or Sign Exhibiting	2495	264	221	231	259	246	232	232	259	295	312	305	289	289	251	191	189	180	165	152	159	172	7388
042	Firearms	995	128	74	79	102	108	90	100	108	99	69	103	126	140	114	84	77	86	81	79	112	126	3080
043	Fishing, Trapping, and Vermin Destroying	2693	235	257	242	262	188	251	164	167	307	251	187	218	240	202	156	152	119	123	133	162	115	6824
044	Fuel and Related Compositions	327	15	17	18	19	16	16	11	13	19	29	23	19	19	18	14	12	9	13	20	19	16	682
047	Plant Husbandry	1391	141	122	124	143	143	135	103	150	137	168	139	136	126	73	86	87	56	50	64	116	69	3759
048	Gas: Heating and Illuminating	345	9	11	4	10	14	6	5	8	11	12	8	3	8	10	9	10	9	4	12	13	17	538
049	Movable or Removable Closures	1319	97	96	70	92	108	127	104	104	120	127	111	99	85	94	69	87	56	37	50	65	33	3150
051	Abrasive Tool Making Process, Material, or Composition	147	14	22	18	15	14	10	22	7	7	11	6	9	7	8	5	3	6	6	5	5	8	355
052	Static Structures (e.g., Buildings)	6275	489	426	451	494	479	579	587	701	643	630	686	607	564	505	419	376	285	270	337	506	459	16768
053	Package Making	1183	105	78	79	70	91	93	83	98	94	81	77	66	68	77	70	47	39	57	57	52	50	2715
054	Harness for Working Animal	195	23	28	19	22	20	15	11	26	14	30	25	33	38	25	13	26	23	26	17	10	10	649
055	Gas Separation	1039	88	105	91	49	71	72	55	90	93	80	85	71	67	76	49	50	46	41	46	51	57	2472
056	Harvesters	1231	117	106	95	94	118	96	54	84	100	95	70	77	64	60	68	53	27	38	36	53	40	2776
057	Textiles: Spinning, Twisting, and Twining	440	17	34	41	39	16	13	25	36	25	14	22	12	7	11	3	6	4	5	6	3	11	790
059	Chain, Staple, and Horseshoe Making	157	8	5	6	13	13	8	14	5	11	8	8	8	14	10	15	11	9	8	7	4	2	344
060	Power Plants	2261	108	114	121	101	95	89	93	130	118	116	132	123	108	120	113	151	95	75	79	107	124	4573
062	Refrigeration	2075	165	163	189	188	165	174	154	202	196	212	241	240	208	164	119	128	139	97	79	125	112	5535
063	Jewelry	337	37	48	39	25	49	39	47	39	38	41	33	42	47	34	28	35	31	35	18	24	18	1084
065	Glass Manufacturing	315	12	19	20	17	15	8	11	15	25	13	17	26	19	16	15	10	9	8	7	3	8	608
066	Textiles: Knitting	246	27	15	16	10	14	16	16	21	17	25	23	16	8	12	14	13	7	4	11	13	13	557
068	Textiles: Fluid Treating Apparatus	321	13	22	20	20	29	25	14	26	24	25	21	27	22	10	7	5	5	14	8	9	7	674
069	Leather Manufactures	60	6	1	0	1	1	2	1	2	0	1	2	2	2	2	1	0	1	1	1	2	0	89
070	Locks	1768	177	149	155	153	167	161	165	220	224	170	128	178	163	141	125	105	97	94	88	71	77	4776
071	Chemistry: Fertilizers	253	10	25	14	17	20	18	25	23	24	17	25	32	24	16	9	7	6	9	8	18	18	618
072	Metal Deforming	1500	97	69	78	73	63	80	91	107	101	96	79	60	64	62	53	94	78	48	46	40	36	3015
073	Measuring and Testing	4144	364	285	285	292	305	337	270	335	310	275	287	304	315	271	239	253	234	259	191	188	187	9930
074	Machine Element or Mechanism	2747	224	226	196	197	185	210	183	200	226	196	171	151	137	112	95	108	110	67	79	75	75	5970
075	Specialized Metallurgical Processes, Compositions for Use Therein, Consolidated Metal Powder Compositions, and Loose Metal Particulate Mixtures	450	24	25	22	32	32	20	20	29	23	19	37	34	23	17	8	12	11	9	12	17	10	886
076	Metal Tools and Implements, Making	333	22	28	21	14	22	17	27	15	16	26	13	12	10	7	7	9	6	5	10	1	6	627
079	Button Making	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	3
081	Tools	1917	204	160	183	179	143	186	149	190	256	300	317	252	191	213	230	273	223	153	89	118	119	6045

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
082	Turning	400	29	30	19	22	10	22	30	35	26	19	28	21	38	21	18	16	11	7	4	15	14	835
083	Cutting	2070	176	172	141	123	102	115	102	136	147	138	119	83	120	134	84	103	84	53	57	71	67	4397
084	Music	1694	136	112	111	128	146	162	118	167	189	196	184	148	150	132	106	146	161	168	194	230	178	4956
086	Ammunition and Explosive-Charge Making	123	13	7	13	7	6	2	4	8	3	6	4	8	7	3	6	8	4	2	14	12	4	264
087	Textiles: Braiding, Netting, and Lace Making	55	4	3	7	5	0	5	7	5	9	3	3	6	5	5	1	3	5	2	1	2	1	137
089	Ordnance	465	35	44	49	43	49	34	47	46	48	37	54	53	59	57	55	45	50	55	47	69	79	1520
091	Motors: Expansible Chamber Type	808	39	42	42	40	19	21	26	25	18	20	20	15	19	17	9	14	16	10	9	6	6	1241
092	Expansible Chamber Devices	837	70	46	49	59	46	38	25	40	36	38	40	38	32	18	19	15	25	17	17	15	18	1538
095	Gas Separation: Processes	424	43	48	46	30	41	51	46	37	47	32	51	50	41	29	40	27	19	31	21	41	52	1247
096	Gas Separation: Apparatus	832	60	75	65	41	41	56	54	56	74	57	75	74	49	61	52	49	47	43	37	59	50	2007
099	Foods and Beverages: Apparatus	1699	141	130	144	147	179	173	182	215	212	223	231	156	136	132	98	116	72	73	51	94	80	4684
100	Presses	930	68	91	78	75	67	57	75	72	51	43	37	28	34	30	23	40	30	39	33	15	24	1940
101	Printing	895	74	69	67	78	84	53	55	83	64	69	71	54	57	66	38	55	27	20	25	23	30	2057
102	Ammunition and Explosives	437	43	50	44	37	43	24	30	31	37	18	46	41	43	39	36	37	36	31	34	29	44	1210
104	Railways	574	39	36	33	32	47	36	41	39	34	26	34	42	43	35	29	21	12	22	33	26	30	1264
105	Railway Rolling Stock	452	21	26	28	21	24	26	22	26	13	20	27	18	19	13	18	15	12	10	11	14	19	855
106	Compositions: Coating or Plastic	921	79	64	82	95	76	66	73	83	78	69	69	63	79	67	38	38	41	28	27	47	49	2232
108	Horizontally Supported Planar Surfaces	1366	122	134	89	128	125	145	143	161	146	189	145	124	122	128	85	91	58	69	74	72	77	3793
109	Safes, Bank Protection, or a Related Device	272	19	9	16	15	14	11	17	22	21	18	6	22	12	6	9	10	10	12	8	14	10	553
110	Furnaces	763	59	53	62	76	44	41	34	44	37	37	36	31	21	20	21	25	8	19	15	18	18	1482
111	Planting	400	25	26	18	27	32	36	27	22	29	33	42	25	30	21	20	26	9	19	26	26	17	936
112	Sewing	449	39	35	26	22	27	31	29	46	43	35	40	31	18	24	22	24	14	15	12	13	12	1007
114	Ships	2483	246	199	199	199	182	198	191	212	221	233	193	179	191	150	209	207	166	136	131	122	132	6379
116	Signals and Indicators	1217	142	86	98	118	95	110	93	85	118	117	97	94	85	84	64	79	61	65	56	65	51	3080
117	Single-Crystal, Oriented-Crystal, and Epitaxy Growth Processes; Non-Coating Apparatus Therefor	116	7	7	5	8	13	7	6	16	9	12	9	5	7	6	3	6	11	17	8	6	8	292
118	Coating Apparatus	1006	98	69	76	84	79	67	77	94	92	71	73	63	61	59	35	43	26	27	29	36	41	2306
119	Animal Husbandry	1977	248	263	212	222	202	237	227	342	290	276	257	312	303	232	211	236	200	140	133	184	205	6909
122	Liquid Heaters and Vaporizers	644	29	22	22	38	22	27	21	28	31	27	29	16	34	21	18	17	12	13	18	19	15	1123
123	Internal-Combustion Engines	3019	224	199	181	178	165	178	160	194	183	162	231	176	182	170	156	180	160	148	123	143	127	6639
124	Mechanical Guns and Projectors	769	72	76	79	82	91	87	105	82	72	73	76	75	98	101	69	72	66	56	61	100	69	2431
125	Stone Working	233	16	18	15	13	14	13	20	15	16	26	21	15	22	27	25	29	16	14	8	10	6	592
126	Stoves and Furnaces	4024	149	125	157	145	137	150	124	152	176	183	151	94	126	117	103	71	41	32	53	79	101	6490
127	Sugar, Starch, and Carbohydrates	70	4	12	5	7	8	5	4	7	10	6	5	6	2	3	2	2	3	1	0	5	7	174

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
128	Surgery	2371	356	317	298	369	368	374	345	437	369	372	327	296	312	266	225	235	156	129	122	176	196	8416
131	Tobacco	502	28	29	10	20	22	27	29	51	43	42	18	22	24	29	10	12	10	6	12	13	17	976
132	Toilet	950	133	97	97	115	102	129	127	200	247	181	133	108	103	78	38	70	84	57	48	49	77	3223
134	Cleaning and Liquid Contact with Solids	1184	140	120	109	110	137	125	104	140	182	158	132	133	104	80	68	58	58	53	58	61	79	3393
135	Tent, Canopy, Umbrella, or Cane	841	102	89	109	139	101	128	133	137	121	132	161	119	119	126	105	81	105	100	89	100	112	3249
136	Batteries: Thermoelectric and Photoelectric	445	24	23	19	22	24	26	24	26	18	27	22	23	17	24	16	14	10	2	20	24	42	892
137	Fluid Handling	4144	329	344	311	335	264	259	266	309	365	372	359	236	238	208	206	213	174	139	119	176	129	9495
138	Pipes and Tubular Conduits	1189	92	84	74	75	76	74	58	81	112	101	86	82	64	62	50	48	34	35	51	47	47	2622
139	Textiles: Weaving	237	21	16	12	15	23	15	11	15	12	12	12	9	1	15	8	10	2	3	3	8	4	464
140	Wireworking	226	10	8	8	13	12	12	10	15	17	12	13	5	9	6	11	14	8	4	6	3	8	430
141	Fluent Material Handling, with Receiver or Receiver Coacting Means	1159	109	104	102	115	120	124	98	108	140	129	129	116	94	115	91	71	69	48	53	77	75	3246
142	Wood Turning	39	7	5	2	3	4	3	5	3	6	4	2	0	5	0	0	2	1	0	1	0	2	94
144	Woodworking	1209	98	97	74	82	72	68	82	82	96	89	81	83	84	60	44	66	49	37	41	50	56	2700
147	Coopering	5	0	0	0	0	1	0	1	0	0	0	1	1	0	0	1	0	0	0	0	0	0	10
148	Metal Treatment	336	27	36	32	39	29	16	23	26	26	30	39	36	44	36	13	11	8	13	14	12	10	856
149	Explosive and Thermic Compositions or Charges	95	5	2	4	5	3	8	5	7	2	2	3	1	4	3	5	2	0	0	2	3	5	166
150	Purses, Wallets, and Protective Covers	331	62	40	45	43	46	57	52	63	66	76	74	57	45	39	30	34	28	31	28	29	24	1300
152	Resilient Tires and Wheels	417	28	23	29	34	19	24	20	27	29	28	27	25	36	22	25	30	21	14	16	21	17	932
156	Adhesive Bonding and Miscellaneous Chemical Manufacture	2744	183	207	189	205	225	184	176	238	232	205	230	188	190	162	98	103	95	70	69	115	120	6228
157	Wheelwright Machines	109	7	8	6	4	5	6	3	4	5	7	8	3	3	2	8	5	5	6	4	3	4	215
159	Concentrating Evaporators	202	8	10	14	11	14	7	11	15	9	5	7	13	6	11	9	7	3	8	9	10	11	400
160	Flexible or Portable Closure, Partition, or Panel	1152	149	128	111	105	129	138	126	150	148	174	144	132	125	113	91	90	81	65	61	85	67	3564
162	Paper Making and Fiber Liberation	305	22	20	27	26	21	24	28	29	20	21	27	14	17	10	10	11	13	11	17	9	12	694
163	Needle and Pin Making	5	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	8
164	Metal Founding	608	27	22	32	34	25	34	23	28	16	11	31	41	30	14	17	20	8	12	6	10	17	1066
165	Heat Exchange	2220	92	115	99	118	103	107	67	125	115	103	143	107	94	127	82	95	70	58	42	61	58	4201
166	Wells	1164	100	116	89	107	91	89	76	111	90	118	153	102	106	92	73	102	102	99	79	130	101	3290
168	Farriery	78	16	14	11	5	2	6	8	7	5	12	9	11	10	7	9	3	7	6	12	7	0	245
169	Fire Extinguishers	318	36	38	26	24	19	38	41	41	58	54	39	42	31	25	27	28	24	15	20	27	19	990
171	Unearthing Plants or Buried Objects	114	7	9	10	13	4	3	2	5	5	6	3	5	1	2	3	6	0	1	2	5	0	206
172	Earth Working	1323	75	68	64	67	95	82	67	97	84	89	75	68	62	46	49	49	17	18	32	43	37	2607
173	Tool Driving or Impacting	550	43	38	24	31	30	34	23	41	36	46	30	24	39	39	30	27	27	22	14	21	18	1187
174	Electricity: Conductors and Insulators	1079	96	94	90	90	76	90	87	147	133	108	155	160	125	141	144	129	96	99	110	105	90	3444

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
175	Boring or Penetrating the Earth	1070	83	84	61	61	73	68	48	74	67	69	72	67	76	57	52	65	78	71	70	94	62	2522
177	Weighing Scales	398	22	24	25	16	16	11	20	30	19	18	19	22	26	21	11	14	25	15	19	12	9	792
178	Telegraphy	98	8	4	6	4	4	11	5	9	6	8	4	6	7	0	4	2	4	3	4	3	7	207
180	Motor Vehicles	1805	141	127	114	146	141	150	118	142	164	146	138	168	149	122	144	144	129	127	112	156	137	4720
181	Acoustics	821	54	58	69	52	44	47	51	66	79	79	53	63	63	46	48	30	27	41	50	40	66	1947
182	Fire Escape, Ladder, or Scaffold	1575	155	150	99	134	101	112	111	154	166	152	100	124	113	142	105	117	96	50	41	62	73	3932
184	Lubrication	369	39	37	37	39	53	55	28	35	41	40	46	30	25	22	19	17	14	11	6	12	7	982
185	Motors: Spring, Weight, or Animal Powered	80	2	4	2	1	1	4	5	2	4	6	5	5	4	2	5	1	1	1	2	3	2	142
186	Merchandising	61	6	9	4	3	11	7	6	5	8	4	5	6	3	6	0	4	2	0	1	2	4	157
187	Elevator, Industrial Lift Truck, or Stationary Lift for Vehicle	262	27	27	28	37	25	30	27	24	36	25	21	26	25	13	12	21	25	16	14	17	18	756
188	Brakes	1146	78	71	79	97	98	104	85	111	108	110	91	115	75	67	65	66	47	48	39	41	45	2786
190	Trunks and Hand-Carried Luggage	361	42	41	40	36	48	58	49	50	55	43	50	52	45	24	26	22	23	23	23	22	25	1158
191	Electricity: Transmission To Vehicles	122	5	9	5	12	8	6	10	9	9	14	21	18	10	6	9	5	4	3	5	1	7	298
192	Clutches and Power-Stop Control	642	61	45	34	40	31	67	46	32	59	49	44	36	38	30	28	30	19	18	12	18	10	1389
193	Conveyors, Chutes, Skids, Guides, and Ways	248	16	16	19	10	16	11	9	10	11	17	18	19	9	5	5	12	8	10	6	9	8	492
194	Check-Actuated Control Mechanisms	222	21	16	18	14	21	23	16	12	17	10	15	9	11	8	4	8	6	4	5	10	5	475
196	Mineral Oils: Apparatus	53	1	2	2	4	4	3	1	9	8	1	6	3	1	1	1	0	1	0	0	2	0	103
198	Conveyors: Power-Driven	1675	129	135	111	117	84	76	76	89	82	101	103	104	80	72	55	60	52	59	42	63	52	3417
200	Electricity: Circuit Makers and Breakers	1568	118	104	93	95	92	95	93	119	103	80	64	81	72	77	61	61	68	51	42	46	44	3227
201	Distillation: Processes, Thermolytic	153	2	10	3	6	7	3	3	5	4	4	3	3	3	4	1	5	1	2	4	8	6	240
202	Distillation: Apparatus	472	15	17	21	19	21	16	21	23	18	21	10	20	12	12	8	12	5	11	13	18	17	802
203	Distillation: Processes, Separatory	433	22	35	39	25	52	19	30	40	28	18	12	24	11	8	10	8	2	8	10	13	12	859
204	Chemistry: Electrical and Wave Energy	1135	81	108	88	94	117	86	88	92	75	103	135	84	73	74	50	38	36	55	30	57	53	2752
205	Electrolysis: Processes, Compositions Used Therein, and Methods of Preparing the Compositions	613	32	49	51	63	54	42	39	51	42	47	68	52	30	37	21	26	31	21	20	27	28	1444
206	Special Receptacle or Package	4422	512	461	494	457	448	431	441	626	590	582	494	416	394	333	296	250	249	240	234	300	295	12965
208	Mineral Oils: Processes and Products	309	16	19	12	15	15	26	12	18	30	15	19	11	14	9	4	10	7	10	11	16	13	611
209	Classifying, Separating, and Assorting Solids	1039	81	75	97	74	65	53	57	59	72	59	50	54	37	40	40	37	25	28	31	34	34	2141
210	Liquid Purification or Separation	3646	363	403	372	325	334	368	343	367	399	368	420	337	306	273	252	241	235	221	210	271	251	10305
211	Supports: Racks	2230	270	251	221	214	196	262	220	300	287	284	238	216	222	180	166	159	123	99	103	119	186	6546
212	Traversing Hoists	344	24	17	19	17	23	25	19	25	28	34	22	25	23	15	18	12	17	21	14	17	15	774
213	Railway Draft Appliances	45	3	3	0	2	0	2	0	2	1	3	4	2	1	5	2	5	1	1	1	2	3	88
215	Bottles and Jars	1194	119	97	92	87	103	90	96	101	112	121	96	88	73	64	55	49	40	34	50	63	62	2886

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
216	Etching a Substrate: Processes	176	18	17	11	21	24	11	10	17	14	13	18	23	23	27	11	15	10	18	9	7	10	503
217	Wooden Receptacles	154	7	8	9	8	4	5	6	7	4	7	6	4	5	1	3	3	1	3	1	7	2	255
218	High-Voltage Switches with Arc Preventing or Extinguishing Devices	38	1	1	3	3	1	6	1	1	1	3	4	0	0	2	0	1	0	0	1	0	0	67
219	Electric Heating	2282	177	156	167	154	169	153	148	206	200	257	191	172	164	182	134	152	111	73	77	92	85	5502
220	Receptacles	3441	403	385	414	368	346	389	328	417	437	429	390	350	319	274	222	241	195	179	203	247	252	10229
221	Article Dispensing	843	86	81	70	78	65	76	49	81	76	72	77	102	87	61	52	66	40	43	42	51	48	2246
222	Dispensing	3269	334	309	293	325	292	296	250	291	383	308	308	283	206	231	214	221	145	131	110	168	141	8508
223	Apparel Apparatus	489	56	45	30	29	32	47	64	51	60	75	64	36	24	39	24	29	39	30	13	33	26	1335
224	Package and Article Carriers	2283	286	248	266	267	290	308	303	335	347	314	297	248	241	214	138	130	136	76	96	158	139	7120
225	Severing by Tearing or Breaking	273	27	32	14	17	15	22	10	22	23	23	11	16	27	17	19	14	14	11	12	14	5	638
226	Advancing Material of Indeterminate Length	410	14	11	17	10	18	14	14	17	14	10	11	7	4	6	4	4	5	5	1	3	3	602
227	Elongated-Member-Driving Apparatus	423	29	30	37	31	33	26	36	30	35	37	28	41	37	37	35	28	22	11	17	16	19	1038
228	Metal Fusion Bonding	607	36	43	43	30	42	39	32	26	41	42	43	34	39	33	25	17	9	10	16	16	19	1242
229	Envelopes, Wrappers, and Paperboard Boxes	1042	140	104	105	98	95	78	85	115	106	107	104	83	73	37	57	45	43	27	20	45	46	2655
231	Whips and Whip Apparatus	15	2	3	0	1	0	0	1	0	1	3	0	1	1	2	1	1	1	3	2	2	1	41
232	Deposit and Collection Receptacles	331	45	25	27	18	39	23	29	19	30	24	21	14	20	24	22	32	41	30	20	14	14	862
234	Selective Cutting (e.g., Punching)	10	0	2	0	0	0	0	0	2	1	0	1	0	0	1	0	1	0	1	1	1	0	21
235	Registers	822	54	55	54	67	93	84	76	80	118	119	73	100	129	128	89	138	131	118	100	139	132	2899
236	Automatic Temperature and Humidity Regulation	664	23	33	27	38	29	20	18	25	25	39	24	32	25	22	20	21	18	21	11	20	22	1177
237	Heating Systems	740	29	19	24	20	12	18	15	14	30	29	23	15	20	18	9	10	8	3	8	4	9	1077
238	Railways: Surface Track	184	14	17	13	9	15	20	10	22	12	12	15	13	14	10	8	8	5	6	2	9	9	427
239	Fluid Sprinkling, Spraying, and Diffusing	2566	201	195	202	252	168	139	191	249	265	292	221	214	205	181	146	168	112	114	93	152	137	6463
241	Solid Material Comminution or Disintegration	1034	89	90	128	107	99	96	83	95	116	87	59	74	85	61	52	64	70	58	79	72	86	2784
242	Winding, Tensioning, or Guiding	1761	111	97	112	115	97	114	118	128	156	133	122	142	125	84	85	86	70	99	63	74	60	3952
244	Aeronautics and Astronautics	1167	114	127	103	87	67	81	59	107	110	120	119	129	122	113	91	99	72	53	71	78	101	3190
245	Wire Fabrics and Structure	16	2	0	3	2	1	2	2	0	3	1	1	1	0	2	2	2	1	1	0	0	0	42
246	Railway Switches and Signals	76	7	3	8	7	14	6	9	15	8	16	16	15	16	9	5	5	9	9	8	10	9	280
248	Supports	5624	713	661	569	577	548	604	551	749	673	741	651	659	607	508	397	411	413	315	400	493	418	17282
249	Static Molds	873	57	48	44	57	35	45	61	60	51	49	50	49	42	33	30	39	29	12	20	23	25	1732
250	Radiant Energy	1848	182	167	146	124	173	148	154	175	169	141	142	138	170	154	109	155	133	130	130	153	135	4976
251	Valves and Valve Actuation	1886	134	165	141	153	138	117	107	124	138	147	136	100	98	92	111	111	74	63	53	66	63	4217
252	Compositions	834	56	60	46	49	64	80	68	66	75	72	74	74	62	57	33	34	36	22	25	41	52	1980
	Implements or Apparatus for Applying																							

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
254	Pushing or Pulling Force	1459	92	99	114	96	102	89	101	95	132	137	124	106	119	105	98	110	89	77	60	89	71	3564
256	Fences	505	54	52	34	53	52	54	61	55	64	57	52	51	72	63	53	44	33	42	39	34	28	1552
257	Active Solid-State Devices (e.g., Transistors, Solid-State Diodes)	666	82	86	76	111	132	119	130	162	175	176	238	241	247	236	174	206	166	185	137	199	144	4088
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	0	5
260	Chemistry of Carbon Compounds	56	3	1	1	1	0	0	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	66
261	Gas and Liquid Contact Apparatus	1370	81	84	59	58	62	58	57	59	52	60	65	52	43	47	37	30	35	29	45	30	36	2449
264	Plastic and Nonmetallic Article Shaping or Treating: Processes	2828	221	225	260	250	209	226	202	269	234	225	206	196	193	159	100	120	94	49	73	117	113	6569
266	Metallurgical Apparatus	459	22	19	19	22	30	19	26	21	17	29	17	19	19	23	7	8	8	8	17	13	9	831
267	Spring Devices	604	47	36	33	43	38	42	28	37	45	27	30	44	27	31	19	28	24	24	20	13	12	1252
269	Work Holders	1422	95	121	96	95	73	109	77	106	113	109	92	86	95	77	50	68	51	32	36	44	59	3106
270	Sheet-Material Associating	125	6	5	6	9	5	5	3	7	3	9	4	3	4	5	9	3	3	3	0	5	6	228
271	Sheet Feeding or Delivering	445	31	33	33	19	29	21	11	19	18	20	14	16	13	9	10	10	7	6	8	13	9	794
273	Amusement Devices: Games	3290	341	307	295	359	325	302	303	371	322	287	297	303	290	207	162	183	176	155	151	167	141	8734
277	Seal for a Joint or Juncture	710	49	47	36	50	41	45	38	29	38	30	58	57	34	36	30	22	25	15	14	20	20	1444
278	Land Vehicles: Animal Draft Appliances	3	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	6
279	Chucks or Sockets	528	53	34	28	34	31	30	24	34	44	23	39	17	25	10	29	14	17	13	18	19	12	1076
280	Land Vehicles	5238	481	442	495	565	515	518	392	600	576	652	620	628	530	495	441	450	440	390	358	433	395	15654
281	Books, Strips, and Leaves	476	61	52	57	47	58	49	59	73	79	65	43	46	31	26	24	26	13	10	13	16	8	1332
283	Printed Matter	648	67	81	89	85	73	67	66	102	116	101	79	56	45	34	36	31	25	16	11	22	31	1881
285	Pipe Joints or Couplings	1662	139	126	116	134	109	95	96	121	156	110	105	97	103	84	67	70	64	79	51	70	46	3700
289	Knots and Knot Tying	95	6	5	3	4	7	7	12	5	8	7	12	8	6	6	5	5	2	3	6	4	6	222
290	Prime-Mover Dynamo Plants	631	18	19	10	24	30	13	18	34	23	36	37	32	22	69	64	79	73	90	82	109	141	1654
291	Track Sanders	19	0	2	0	0	0	3	0	0	1	2	1	2	1	1	4	1	0	0	1	1	1	40
292	Closure Fasteners	1331	137	122	85	88	90	115	110	99	114	107	75	111	102	75	68	69	72	56	44	49	54	3173
293	Vehicle Fenders	224	23	22	17	13	9	10	19	17	20	13	21	14	22	14	14	14	11	16	8	10	11	542
294	Handling: Hand and Hoist-Line Implements	2373	189	175	182	178	205	192	183	235	212	206	133	187	136	88	100	106	108	92	77	104	100	5561
295	Railway Wheels and Axles	22	2	1	0	0	2	3	1	0	2	1	2	1	2	1	0	0	0	1	0	0	0	41
296	Land Vehicles: Bodies and Tops	1851	231	188	161	155	154	184	168	216	210	257	260	192	204	211	169	184	175	145	135	147	124	5721
297	Chairs and Seats	2190	235	224	182	281	224	279	247	295	316	355	267	260	260	252	207	236	176	210	170	200	177	7243
298	Land Vehicles: Dumping	246	26	15	19	13	15	13	11	16	14	18	15	12	17	28	11	13	7	7	10	14	15	555
299	Mining or In Situ Disintegration of Hard Material	457	28	24	33	11	20	15	22	20	20	25	19	19	21	15	11	19	11	31	27	25	17	890
300	Brush, Broom, and Mop Making	51	9	5	5	5	6	2	6	6	6	1	6	1	5	2	1	2	3	3	0	1	3	129
301	Land Vehicles: Wheels and Axles	372	45	44	39	41	36	52	30	42	46	54	56	54	53	45	34	39	36	31	18	35	38	1240

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
303	Fluid-Pressure and Analogous Brake Systems	154	9	14	21	16	21	13	17	13	16	13	16	21	15	8	7	6	1	8	4	11	10	414
305	Wheel Substitutes for Land Vehicles	115	6	3	9	11	13	4	8	10	10	14	10	11	10	4	4	5	3	5	2	10	8	275
307	Electrical Transmission or Interconnection Systems	914	63	63	61	59	73	105	103	121	126	93	60	62	77	65	37	66	46	36	51	73	62	2416
310	Electrical Generator or Motor Structure	1031	70	79	77	66	72	69	69	104	101	90	106	94	85	116	87	87	56	68	78	94	92	2791
312	Supports: Cabinet Structure	1534	103	138	125	117	125	145	126	174	170	172	118	139	126	106	78	76	63	55	49	77	74	3890
313	Electric Lamp and Discharge Devices	452	34	30	21	22	32	39	27	41	58	37	47	42	49	42	32	44	25	28	29	38	36	1205
314	Electric Lamp and Discharge Devices: Consumable Electrodes	11	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	13
315	Electric Lamp and Discharge Devices: Systems	833	104	64	66	50	85	73	49	79	71	91	94	73	97	65	72	69	54	39	43	62	69	2302
318	Electricity: Motive Power Systems	841	61	45	49	65	69	62	44	71	52	64	55	49	39	35	36	37	34	32	45	35	43	1863
320	Electricity: Battery or Capacitor Charging or Discharging	210	13	29	41	28	19	36	42	42	46	47	54	46	44	38	27	23	25	16	30	47	51	954
322	Electricity: Single Generator Systems	151	11	10	10	4	3	13	11	8	5	7	8	4	8	9	16	11	7	10	11	5	8	330
323	Electricity: Power Supply or Regulation Systems	291	27	23	20	18	11	25	19	27	21	30	30	39	21	17	20	17	17	8	17	20	14	732
324	Electricity: Measuring and Testing	1510	127	130	113	108	146	148	103	148	119	132	153	167	138	126	112	144	108	112	90	96	96	4126
326	Electronic Digital Logic Circuitry	59	6	11	9	18	8	11	12	15	11	9	12	18	12	13	11	10	19	18	24	38	17	361
327	Miscellaneous Active Electrical Nonlinear Devices, Circuits, and Systems	488	26	37	26	35	29	37	18	42	39	38	36	34	30	29	24	33	22	29	30	52	28	1162
329	Demodulators	48	6	4	3	3	8	4	2	2	3	3	2	2	0	2	0	1	2	1	4	2	1	103
330	Amplifiers	268	17	16	8	9	9	19	16	22	21	19	25	16	23	22	7	22	17	26	23	30	17	652
331	Oscillators	213	15	6	8	7	6	13	9	17	17	9	14	8	10	7	8	5	10	7	17	11	17	434
332	Modulators	58	6	2	2	3	7	6	2	2	5	5	4	7	1	2	3	3	7	0	5	5	4	139
333	Wave Transmission Lines and Networks	312	24	25	25	24	26	25	19	30	25	27	21	24	30	20	29	20	15	19	25	15	12	792
334	Tuners	24	0	0	0	0	2	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	30
335	Electricity: Magnetically Operated Switches, Magnets, and Electromagnets	403	23	20	25	27	21	29	26	23	31	24	25	19	28	23	33	26	22	21	17	20	19	905
336	Inductor Devices	209	10	11	10	15	15	19	13	17	17	12	10	12	18	28	21	24	14	5	11	13	8	512
337	Electricity: Electrothermally or Thermally Actuated Switches	257	15	15	10	7	10	11	18	21	27	22	20	18	23	16	9	18	13	7	9	15	8	569
338	Electrical Resistors	364	25	22	17	12	6	14	13	14	13	20	8	10	9	7	4	6	7	4	4	8	9	596
340	Communications: Electrical	3721	355	318	273	297	354	428	453	542	532	569	518	464	359	431	425	551	424	473	387	462	412	12748
341	Coded Data Generation or Conversion	367	23	30	38	23	37	40	56	54	50	53	51	57	52	36	39	44	45	38	42	53	27	1255
342	Communications: Directive Radio Wave Systems and Devices (e.g., Radar, Radio Navigation)	406	28	34	44	47	38	61	45	73	66	68	87	73	62	56	67	59	54	60	60	49	56	1593
343	Communications: Radio Wave Antennas	455	45	13	31	26	38	38	30	47	54	55	61	58	35	38	51	53	60	55	45	47	30	1365

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
345	Computer Graphics Processing and Selective Visual Display Systems	476	49	55	39	74	76	91	114	132	152	183	182	165	158	136	143	173	151	125	124	186	130	3114
346	Recorders	244	14	8	5	4	5	7	2	3	6	2	4	3	1	1	1	0	2	2	0	0	0	314
347	Incremental Printing of Symbolic Information	176	14	14	10	17	19	19	21	33	21	28	25	35	33	27	26	44	28	43	15	19	18	685
348	Television	1025	143	138	107	127	140	168	172	209	200	184	192	157	154	172	131	212	155	165	132	190	137	4410
349	Liquid Crystal Cells, Elements and Systems	122	10	17	8	7	26	23	17	16	16	16	25	17	23	19	28	20	10	15	15	21	26	497
351	Optics: Eye Examining, Vision Testing and Correcting	773	90	88	73	78	98	85	93	101	132	130	111	107	110	110	97	93	115	118	96	122	88	2908
352	Optics: Motion Pictures	336	32	18	19	11	13	16	15	17	22	11	11	10	12	16	4	10	8	6	7	12	6	612
353	Optics: Image Projectors	318	15	16	21	17	25	15	15	17	25	18	15	20	13	33	20	27	17	29	21	22	23	742
355	Photocopying	507	29	25	17	23	15	10	16	15	18	7	19	10	14	9	12	15	8	6	7	7	8	797
356	Optics: Measuring and Testing	1135	112	105	108	84	111	112	110	129	131	124	67	91	98	101	93	102	97	89	75	106	78	3258
358	Facsimile and Static Presentation Processing	208	31	32	22	34	43	41	30	36	56	33	19	30	31	34	20	56	42	31	64	80	46	1019
359	Optical: Systems and Elements	2060	170	186	160	160	152	146	120	186	202	189	217	224	184	171	169	186	147	143	122	157	122	5573
360	Dynamic Magnetic Information Storage or Retrieval	608	45	42	48	43	39	47	30	44	26	30	34	31	34	21	12	21	13	6	14	23	10	1221
361	Electricity: Electrical Systems and Devices	1372	117	131	109	102	140	146	149	204	173	193	197	193	190	211	158	148	153	152	144	186	155	4723
362	Illumination	2153	297	274	214	271	301	324	314	404	383	482	482	428	480	414	373	462	394	315	308	370	328	9771
363	Electric Power Conversion Systems	336	29	26	36	24	22	30	33	35	32	38	39	41	29	22	21	23	24	14	26	33	23	936
365	Static Information Storage and Retrieval	153	23	19	31	33	28	34	37	41	34	38	30	25	33	22	33	39	29	35	72	68	49	906
366	Agitating	1201	81	68	71	79	95	98	77	103	98	86	93	69	55	55	50	43	38	47	37	47	57	2648
367	Communications, Electrical: Acoustic Wave Systems and Devices	511	40	59	63	30	39	38	38	38	39	35	32	29	23	26	26	27	26	47	27	40	16	1249
368	Horology: Time Measuring Systems or Devices	616	56	56	58	65	37	38	53	62	55	52	66	67	47	59	40	55	39	48	37	42	44	1692
369	Dynamic Information Storage or Retrieval	398	27	23	25	24	42	28	32	42	27	34	29	30	35	21	18	27	15	13	29	34	23	976
370	Multiplex Communications	220	19	23	20	13	43	57	43	62	54	56	53	44	46	59	61	118	110	113	184	289	171	1858
372	Coherent Light Generators	273	31	16	24	28	32	28	31	27	23	21	22	22	36	44	32	29	18	22	30	22	26	837
373	Industrial Electric Heating Furnaces	149	6	9	5	9	9	7	2	4	9	19	8	11	4	8	2	3	0	3	6	2	2	277
374	Thermal Measuring and Testing	650	46	41	34	34	23	41	38	61	31	44	42	34	38	34	32	33	33	36	18	21	12	1376
375	Pulse or Digital Communications	263	36	35	20	32	41	62	63	71	76	65	47	57	54	60	59	104	93	74	86	114	66	1578
376	Induced Nuclear Reactions: Processes, Systems, and Elements	362	16	22	22	16	17	21	16	17	10	8	9	5	9	8	6	2	3	1	3	3	6	582
377	Electrical Pulse Counters, Pulse Dividers, or Shift Registers: Circuits and Systems	354	13	15	14	12	12	12	6	4	6	11	8	8	3	8	5	6	1	0	0	5	3	506
378	X-Ray or Gamma Ray Systems or Devices	461	55	51	44	35	33	48	26	47	31	41	34	37	33	24	36	49	43	43	54	54	33	1312

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
379	Telephonic Communications	960	103	94	54	82	108	124	111	148	126	121	111	92	109	116	107	111	99	74	95	106	94	3145
380	Cryptography	153	41	23	29	34	22	27	44	43	26	39	30	25	16	20	27	36	26	27	41	77	46	852
381	Electrical Audio Signal Processing Systems and Devices	874	59	69	69	65	57	72	81	151	79	87	56	91	93	91	74	92	82	59	71	97	150	2619
382	Image Analysis	196	39	30	40	25	43	55	63	74	95	88	71	71	87	91	84	144	119	93	126	195	154	1983
383	Flexible Bags	857	121	84	92	93	104	83	75	101	122	122	106	68	57	46	42	47	42	36	32	40	55	2425
384	Bearings	660	48	51	46	65	56	44	33	47	36	32	55	47	35	19	21	19	15	19	13	12	11	1384
385	Optical Waveguides	373	63	34	39	57	42	55	46	87	80	75	72	98	91	87	95	139	74	63	53	60	35	1818
386	Motion Video Signal Processing for Recording or Reproducing	199	30	23	22	16	21	19	31	21	24	22	20	21	15	19	12	12	11	19	14	12	17	600
388	Electricity: Motor Control Systems	72	11	2	4	9	5	8	3	4	8	5	3	1	1	2	2	5	7	2	3	5	1	163
392	Electric Resistance Heating Devices	650	29	43	44	48	50	34	33	59	63	54	48	42	36	35	40	31	26	27	26	21	27	1466
396	Photography	866	70	40	35	52	30	47	38	81	62	43	33	36	48	51	28	31	33	36	43	54	57	1814
398	Optical Communications	113	7	8	9	14	10	19	15	19	24	19	19	30	21	20	25	28	21	18	28	39	22	528
399	Electrophotography	111	10	16	16	16	21	7	13	19	13	11	24	13	14	8	11	27	10	8	14	12	7	401
400	Typewriting Machines	484	40	37	47	35	59	43	37	42	39	34	23	29	37	34	35	23	26	9	12	15	10	1150
401	Coating Implements with Material Supply	957	134	102	83	114	84	92	56	94	156	137	153	114	101	110	89	96	71	67	48	53	49	2960
402	Binder Device Releasably Engaging Aperture or Notch of Sheet	244	37	27	26	28	20	31	33	43	32	39	23	26	18	18	13	17	11	8	2	12	4	712
403	Joints and Connections	2832	204	212	203	210	210	214	201	214	209	211	198	192	195	152	133	106	97	88	83	105	87	6356
404	Road Structure, Process, or Apparatus	978	108	93	105	90	106	88	95	88	101	98	88	97	85	121	70	113	75	64	83	87	62	2895
405	Hydraulic and Earth Engineering	2014	224	208	211	151	160	222	156	191	215	153	165	199	184	183	157	176	128	137	129	139	142	5644
406	Conveyors: Fluid Current	309	27	21	17	6	15	18	12	10	14	13	20	14	19	11	7	12	5	4	6	6	4	570
407	Cutters, for Shaping	246	30	22	17	11	10	6	22	19	20	22	19	8	16	5	10	11	18	10	9	11	6	548
408	Cutting by Use of Rotating Axially Moving Tool	994	107	74	53	71	67	58	67	92	87	55	80	51	58	43	38	54	48	30	36	26	19	2208
409	Gear Cutting, Milling, or Planing	585	52	45	40	27	34	33	55	58	47	63	42	52	40	29	30	35	36	25	16	17	13	1374
410	Freight Accommodation On Freight Carrier	411	45	35	38	31	51	46	34	47	49	59	60	53	61	58	42	50	49	39	34	36	42	1370
411	Expanded, Threaded, Driven, Headed, Tool-Deformed, or Locked-Threaded Fastener	1088	79	106	112	82	96	120	103	118	121	107	95	78	74	73	50	61	34	34	28	57	56	2772
412	Bookbinding: Process and Apparatus	79	7	7	11	4	9	6	10	8	6	11	12	9	3	3	7	4	0	4	2	7	3	212
413	Sheet Metal Container Making	36	3	3	1	5	0	5	1	3	4	7	2	0	2	2	0	3	4	1	1	0	1	84
414	Material or Article Handling	3114	261	260	219	229	225	217	195	208	223	256	164	194	178	168	109	104	112	91	101	121	124	6873
415	Rotary Kinetic Fluid Motors or Pumps	795	42	46	50	49	51	51	29	32	30	50	59	64	66	61	52	53	55	39	30	54	64	1822
416	Fluid Reaction Surfaces (i.e., Impellers)	990	39	58	69	64	68	57	41	48	62	85	70	75	66	65	69	74	55	59	33	54	78	2279
417	Pumps	1932	140	121	134	123	118	118	107	119	125	155	155	153	127	102	51	78	50	48	52	61	83	4152
418	Rotary Expansible Chamber Devices	558	32	45	36	37	40	31	32	35	25	47	46	37	37	37	29	26	19	22	23	31	20	1245

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
419	Powder Metallurgy Processes	123	14	8	3	13	7	12	10	7	11	12	6	9	14	10	3	3	5	6	7	6	11	300
420	Alloys or Metallic Compositions	214	20	13	8	18	16	8	11	11	13	9	11	25	21	17	8	2	3	4	4	6	4	446
422	Chemical Apparatus and Process Disinfecting, Deodorizing, Preserving, or Sterilizing	1777	168	188	180	180	210	178	179	213	213	197	221	190	198	140	118	113	114	127	118	173	172	5367
423	Chemistry of Inorganic Compounds	1022	56	65	61	76	61	69	44	66	66	56	73	67	63	43	31	33	44	32	35	70	53	2186
424	Drug, Bio-Affecting and Body Treating Compositions	1604	194	197	197	176	216	254	338	402	458	392	495	477	449	284	208	254	215	197	201	290	285	7783
425	Plastic Article or Earthenware Shaping or Treating: Apparatus	2292	158	148	152	150	151	142	132	157	133	129	117	115	93	97	59	90	84	58	59	68	63	4647
426	Food or Edible Material: Processes, Compositions, and Products	1835	181	143	144	120	149	163	178	185	239	240	228	179	152	146	80	94	69	45	41	73	81	4765
427	Coating Processes	1813	136	129	111	130	134	123	132	166	161	165	153	134	143	124	63	60	73	56	51	84	85	4226
428	Stock Material or Miscellaneous Articles	4584	353	335	338	342	353	351	344	398	409	383	381	304	353	274	192	171	168	100	116	166	201	10616
429	Chemistry: Electrical Current Producing Apparatus, Product, and Process	397	28	35	34	31	42	94	43	44	43	48	40	40	51	26	30	24	22	19	40	42	39	1212
430	Radiation Imagery Chemistry: Process, Composition, or Product Thereof	456	37	22	18	26	34	33	22	43	40	44	37	51	39	39	33	38	24	21	25	32	20	1134
431	Combustion	828	51	58	49	64	59	62	44	75	83	88	92	57	83	65	57	40	38	24	39	39	15	2010
432	Heating	625	29	30	23	27	18	15	21	24	27	32	27	24	25	16	6	13	7	7	5	8	6	1015
433	Dentistry	1750	213	196	170	183	131	171	150	245	231	179	221	163	151	106	108	162	103	85	46	99	89	4952
434	Education and Demonstration	1827	162	170	200	161	163	189	180	228	223	228	164	178	181	148	136	125	124	84	87	110	134	5202
435	Chemistry: Molecular Biology and Microbiology	1162	114	133	153	155	171	189	248	367	387	321	389	299	319	246	188	233	212	199	227	286	235	6233
436	Chemistry: Analytical and Immunological Testing	709	78	72	89	93	87	114	116	143	121	105	113	79	113	84	47	60	72	86	69	84	82	2616
438	Semiconductor Device Manufacturing: Process	237	26	31	25	34	49	31	25	53	61	78	103	91	116	118	82	79	67	90	73	118	102	1689
439	Electrical Connectors	1579	164	187	162	183	177	188	189	246	194	274	247	233	198	244	208	249	218	184	163	182	171	5840
440	Marine Propulsion	652	84	64	69	63	62	66	71	76	70	80	63	57	62	61	60	76	49	44	37	43	43	1952
441	Buoys, Rafts, and Aquatic Devices	731	86	79	70	96	84	76	83	91	74	86	85	79	78	66	71	85	72	53	45	49	46	2285
442	Fabric (Woven, Knitted, or Nonwoven Textile or Cloth, Etc.)	340	19	22	24	32	42	28	27	49	57	46	40	19	20	27	18	16	23	18	21	15	20	923
445	Electric Lamp or Space Discharge Component or Device Manufacturing	53	2	4	2	3	5	3	6	5	11	7	5	5	6	4	4	10	2	4	3	5	5	154
446	Amusement Devices: Toys	2243	244	245	220	243	206	225	178	260	242	291	257	266	250	225	157	128	111	102	88	123	127	6431
449	Bee Culture	94	7	3	0	3	4	1	5	2	1	2	1	4	5	6	1	4	0	3	4	3	4	157
450	Foundation Garments	162	14	16	18	7	17	18	21	28	54	68	45	39	16	21	19	27	25	27	18	26	25	711
451	Abrading	1414	126	107	142	94	103	109	113	107	124	127	154	123	111	120	100	125	73	51	51	43	54	3571
452	Butchering	534	32	47	41	42	34	36	22	23	24	35	42	13	23	22	20	35	28	33	27	17	21	1151
453	Coin Handling	84	11	6	4	5	7	5	4	2	2	5	1	4	4	8	0	3	0	0	2	5	2	164

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
454	Ventilation	987	70	95	62	71	52	75	59	87	70	77	98	93	79	74	68	49	35	22	38	38	37	2336
455	Telecommunications	640	64	71	55	47	74	101	78	106	117	120	96	121	114	142	121	210	207	170	236	303	253	3446
460	Crop Threshing or Separating	91	12	11	6	6	10	17	2	11	12	13	11	10	4	5	5	5	4	1	2	6	4	248
462	Books, Strips, and Leaves for Manifolding	97	2	11	19	12	12	6	5	6	10	9	9	9	0	6	3	0	1	1	0	0	1	219
463	Amusement Devices: Games	311	37	39	37	50	31	45	50	94	86	106	105	100	99	85	89	67	90	71	55	96	114	1857
464	Rotary Shafts, Gudgeons, Housings, and Flexible Couplings for Rotary Shafts	350	22	22	16	24	19	17	26	20	23	23	35	15	22	14	11	14	6	5	8	5	14	711
470	Threaded, Headed Fastener, or Washer Making: Process and Apparatus	162	7	8	11	13	8	7	6	8	7	5	5	5	5	1	4	5	1	2	2	3	7	282
472	Amusement Devices	449	41	40	48	49	46	47	48	75	59	48	42	44	42	38	39	35	27	22	23	45	55	1362
473	Games Using Tangible Projectile	3052	386	382	368	450	483	450	431	541	447	376	370	363	362	336	299	328	293	213	213	300	296	10739
474	Endless Belt Power Transmission Systems or Components	479	47	24	36	45	44	36	35	25	27	38	15	29	20	12	15	17	6	12	12	16	13	1003
475	Planetary Gear Transmission Systems or Components	380	44	44	30	26	28	39	26	30	40	47	25	31	28	23	31	26	27	27	20	27	18	1017
476	Friction Gear Transmission Systems or Components	63	6	3	4	5	6	10	5	3	6	7	2	3	2	3	5	3	3	2	4	4	1	150
477	Interrelated Power Delivery Controls, Including Engine Control	141	9	4	4	5	11	14	9	10	12	7	3	7	8	5	9	11	4	9	10	13	10	315
482	Exercise Devices	2224	286	283	284	305	265	316	331	396	364	355	307	292	309	299	217	344	260	244	262	382	380	8705
483	Tool Changing	36	5	4	1	5	3	1	3	5	9	9	1	8	2	1	2	5	3	4	5	3	0	115
492	Roll or Roller	144	6	6	13	5	16	15	11	15	12	18	9	9	6	12	11	7	4	5	5	7	6	342
493	Manufacturing Container or Tube From Paper; or Other Manufacturing From a Sheet or Web	538	55	61	45	44	33	33	30	53	43	37	27	28	33	28	32	20	16	17	20	14	14	1221
494	Imperforate Bowl: Centrifugal Separators	141	17	11	12	17	8	9	10	15	16	10	11	12	6	3	3	3	6	1	5	1	6	323
501	Compositions: Ceramic	238	24	24	26	28	25	27	22	22	23	17	31	20	22	13	13	8	8	7	8	7	12	625
502	Catalyst, Solid Sorbent, or Support Therefor: Product or Process of Making	301	28	26	28	21	20	17	21	27	32	32	30	21	16	11	14	11	17	12	10	22	20	737
503	Record Receiver Having Plural Interactive Leaves or a Colorless Color Former, Method of Use, or Developer Therefor	32	4	5	2	4	1	4	3	7	4	1	3	3	2	4	1	4	4	5	3	5	2	103
504	Plant Protecting and Regulating Compositions	102	9	21	11	6	5	9	14	15	38	16	23	20	15	9	8	6	6	3	7	4	12	359
505	Superconductor Technology: Apparatus, Material, Process	104	7	15	14	9	13	10	12	8	14	17	9	6	11	6	6	3	3	4	6	4	5	286
506	Combinatorial Chemistry Technology: Method, Library, Apparatus	2	0	0	0	0	2	7	4	6	10	10	5	8	12	5	7	4	3	2	6	4	6	103
507	Earth Boring, Well Treating, and Oil Field Chemistry	82	4	8	9	2	3	3	5	13	5	9	6	8	6	14	11	4	3	3	10	12	5	225
508	Solid Anti-Friction Devices, Materials Therefor, Lubricant or Separant Compositions for Moving Solid Surfaces, and Miscellaneous Mineral Oil	83	11	9	9	8	11	10	10	16	16	12	12	7	10	6	3	8	5	2	5	11	8	272

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
	Compositions																							
510	Cleaning Compositions for Solid Surfaces, Auxiliary Compositions Therefor, or Processes of Preparing the Compositions	275	24	16	21	19	31	34	32	49	66	43	43	46	38	39	23	28	20	18	24	13	32	934
512	Perfume Compositions	18	3	2	1	3	4	3	2	4	3	7	5	1	3	2	0	0	2	2	1	2	0	68
514	Drug, Bio-Affecting and Body Treating Compositions	1876	260	224	212	185	235	319	354	408	450	366	443	405	349	239	201	203	170	134	146	245	233	7657
516	Colloid Systems and Wetting Agents; Subcombinations Thereof; Processes Of	115	12	8	10	10	11	11	11	13	10	11	11	10	11	11	3	3	5	6	11	7	4	304
518	Chemistry: Fischer-Tropsch Processes; or Purification or Recovery of Products Thereof	23	0	2	1	2	2	3	0	2	1	2	5	1	1	2	1	2	5	1	2	0	4	62
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	385	18	29	29	22	22	16	21	32	28	17	23	18	23	7	15	4	7	3	6	5	17	747
522	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	79	2	5	5	3	12	10	5	6	9	7	8	6	12	8	3	5	6	4	0	3	3	201
523	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	362	27	25	38	25	39	26	32	45	38	17	38	33	34	14	21	16	16	7	7	21	16	897
524	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	721	56	56	43	52	54	57	55	81	56	54	60	59	60	34	39	37	34	22	30	40	30	1730
525	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	489	40	44	42	30	35	29	29	45	35	33	29	35	34	21	16	23	31	11	11	16	13	1091
526	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	222	20	18	25	19	9	12	12	17	22	14	20	11	32	13	15	12	10	6	6	11	8	534
527	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	60	2	7	5	5	5	2	2	3	0	3	2	2	1	2	0	2	1	1	0	0	2	107
528	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	444	24	32	43	28	35	22	24	29	33	19	29	32	14	19	14	20	20	15	14	16	24	950
530	Chemistry: Natural Resins or Derivatives; Peptides or Proteins; Lignins or Reaction Products Thereof	466	51	53	59	53	61	65	109	162	138	94	133	98	115	100	72	74	98	79	64	91	76	2311
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	0	1	0	1
534	Organic Compounds -- Part of the Class 532-570 Series	58	5	4	4	3	3	2	5	8	2	4	2	2	2	0	0	0	1	1	0	3	1	110
536	Organic Compounds -- Part of the Class 532-570 Series	296	35	43	29	29	48	81	88	145	173	121	136	105	115	82	71	95	70	57	70	72	82	2043
540	Organic Compounds -- Part of the Class 532-570 Series	116	11	5	7	4	8	6	20	10	11	6	8	12	7	7	4	11	3	4	3	2	8	273
544	Organic Compounds -- Part of the Class 532-570 Series	217	15	18	14	14	18	23	20	19	24	26	20	21	20	21	14	16	12	11	8	24	26	601
546	Organic Compounds -- Part of the Class 532-570 Series	212	11	20	19	16	20	30	25	23	20	32	26	20	33	23	14	26	13	18	21	33	24	679
548	Organic Compounds -- Part of the Class 532-570 Series	212	20	26	15	21	16	30	20	17	20	16	16	25	24	20	12	17	17	8	13	21	30	616

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
549	Organic Compounds -- Part of the Class 532-570 Series	167	15	10	20	12	11	15	18	27	25	23	25	20	19	12	10	13	18	7	8	10	10	495
552	Organic Compounds -- Part of the Class 532-570 Series	67	9	3	2	1	5	2	3	2	7	2	4	3	5	3	1	2	3	1	0	1	2	128
554	Organic Compounds -- Part of the Class 532-570 Series	104	8	5	4	11	9	10	11	8	8	11	11	17	13	13	5	5	6	6	5	3	9	282
556	Organic Compounds -- Part of the Class 532-570 Series	136	12	10	7	7	11	12	14	7	14	5	14	8	9	6	4	1	10	5	4	5	8	309
558	Organic Compounds -- Part of the Class 532-570 Series	123	4	10	12	4	12	11	6	10	15	6	6	9	3	4	3	8	5	4	4	3	5	267
560	Organic Compounds -- Part of the Class 532-570 Series	199	13	16	21	15	13	21	13	13	16	10	15	21	19	8	3	3	5	4	8	4	5	445
562	Organic Compounds -- Part of the Class 532-570 Series	197	14	14	21	13	17	13	17	15	17	11	22	16	15	8	9	11	12	6	3	14	13	478
564	Organic Compounds -- Part of the Class 532-570 Series	156	12	12	9	8	19	19	17	11	10	11	19	19	14	6	6	12	6	3	6	8	8	391
568	Organic Compounds -- Part of the Class 532-570 Series	231	23	31	23	17	31	15	18	34	35	18	13	14	15	17	8	8	9	6	11	14	14	605
570	Organic Compounds -- Part of the Class 532-570 Series	35	5	15	3	0	3	3	5	2	4	3	7	2	0	1	2	0	3	0	0	2	3	98
585	Chemistry of Hydrocarbon Compounds	179	16	25	17	9	31	16	15	26	27	24	19	9	19	10	8	14	2	12	9	9	20	516
588	Hazardous or Toxic Waste Destruction or Containment	142	7	12	22	33	37	37	43	31	39	28	18	27	10	11	7	10	11	9	7	10	15	566
600	Surgery	2543	320	282	342	373	375	314	256	502	411	433	373	423	354	266	210	254	198	198	194	262	285	9168
601	Surgery: Kinesitherapy	854	97	111	66	75	112	110	91	127	101	101	112	84	96	83	62	101	92	72	48	60	64	2719
602	Surgery: Splint, Brace, or Bandage	861	108	96	99	103	118	90	115	174	156	159	113	122	131	107	92	100	46	50	57	99	106	3102
604	Surgery	3335	442	439	514	561	480	442	426	522	414	405	342	337	412	273	189	185	157	148	143	261	225	10652
606	Surgery	2064	292	344	386	440	427	462	547	607	578	519	435	385	443	292	229	228	200	134	154	241	268	9675
607	Surgery: Light, Thermal, and Electrical Application	787	94	82	80	86	107	97	80	124	137	155	138	115	135	101	81	76	84	48	50	59	81	2797
623	Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor	1057	111	151	116	118	106	160	133	168	154	174	188	200	181	159	121	129	88	67	82	126	140	3929
700	Data Processing: Generic Control Systems or Specific Applications	429	50	53	44	67	59	83	62	110	101	74	84	94	129	120	102	129	90	107	86	110	152	2335
701	Data Processing: Vehicles, Navigation, and Relative Location	201	26	24	22	35	39	43	37	74	72	70	110	111	96	82	106	114	95	98	83	117	143	1798
702	Data Processing: Measuring, Calibrating, or Testing	465	42	45	44	47	38	64	65	78	78	62	75	103	121	124	101	120	119	110	101	123	114	2239
703	Data Processing: Structural Design, Modeling, Simulation, and Emulation	27	5	7	9	8	7	11	23	18	26	17	20	26	26	20	31	56	38	50	47	48	41	561
704	Data Processing: Speech Signal Processing, Linguistics, Language Translation, and Audio Compression/Decompression	129	23	19	21	22	27	24	33	50	47	29	46	41	37	38	21	54	46	47	36	88	68	946

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
705	Data Processing: Financial, Business Practice, Management, or Cost/Price Determination	182	29	34	45	48	23	46	75	108	187	153	119	130	131	133	181	268	218	264	306	527	513	3720
706	Data Processing: Artificial Intelligence	31	15	11	16	13	23	29	22	53	31	31	32	38	44	29	22	34	24	25	44	89	77	733
707	Data Processing: Database and File Management or Data Structures	49	7	10	14	18	32	24	47	92	115	93	99	105	133	136	112	171	173	142	132	206	181	2091
708	Electrical Computers: Arithmetic Processing and Calculating	299	22	25	31	28	20	32	33	34	43	29	20	32	21	19	16	21	15	14	18	22	22	816
709	Electrical Computers and Digital Processing Systems: Multicomputer Data Transferring	17	2	3	7	6	7	23	26	60	59	77	80	89	93	106	91	149	144	111	177	316	233	1876
710	Electrical Computers and Digital Data Processing Systems: Input/Output	57	8	5	11	10	19	21	29	40	26	33	29	20	31	25	21	32	35	21	46	49	48	616
711	Electrical Computers and Digital Processing Systems: Memory	74	10	7	11	11	21	20	33	35	28	21	24	17	25	28	20	41	29	39	52	71	57	674
712	Electrical Computers and Digital Processing Systems: Processing Architectures and Instruction Processing (e.g., Processors)	70	3	8	8	6	10	16	20	30	13	13	19	12	11	9	14	20	12	14	18	33	32	391
713	Electrical Computers and Digital Processing Systems: Support	79	24	16	23	25	21	39	43	53	37	46	41	36	34	37	45	87	66	70	94	166	108	1190
714	Error Detection/Correction and Fault Detection/Recovery	141	19	19	8	24	31	40	40	53	35	38	39	35	42	39	39	42	63	40	81	82	40	990
715	Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing	72	9	19	20	34	25	28	50	86	82	62	81	58	73	74	62	107	93	60	86	156	127	1464
716	Computer-Aided Design and Analysis of Circuits and Semiconductor Masks	9	0	1	0	4	3	3	7	7	4	4	14	27	28	23	16	32	42	35	37	54	15	365
717	Data Processing: Software Development, Installation, and Management	10	1	2	0	4	7	8	8	13	19	14	15	17	12	13	17	21	25	22	33	58	45	364
718	Electrical Computers and Digital Processing Systems: Virtual Machine Task or Process Management or Task Management/Control	3	2	1	1	3	5	3	3	9	9	7	3	10	7	9	9	6	9	6	12	16	18	151
719	Electrical Computers and Digital Processing Systems: Interprogram Communication or Interprocess Communication (Ipc)	1	0	0	1	0	5	3	4	8	3	7	7	14	13	9	8	12	2	9	11	21	9	147
720	Dynamic Optical Information Storage or Retrieval	19	4	1	3	3	6	4	1	7	6	7	3	7	8	7	8	6	1	7	9	8	9	134
725	Interactive Video Distribution Systems	105	19	12	14	12	16	32	19	32	39	31	26	17	20	20	13	28	23	19	36	75	76	684
726	Information Security	19	1	4	0	5	2	4	11	20	21	29	25	22	21	25	26	53	36	41	64	105	88	622
800	Multicellular Living Organisms and Unmodified Parts Thereof and Related Processes	12	2	1	2	3	5	4	8	30	25	22	19	20	18	20	17	17	18	21	15	23	15	317
850	Scanning-Probe Techniques or Apparatus; Applications of Scanning-Probe Techniques, e.g., Scanning Probe	22	2	7	5	6	7	10	6	8	6	3	5	5	11	9	7	0	0	0	1	2	3	125

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
	Microscopy [Spm]																							
901	Robots	229	35	26	22	18	19	19	16	20	19	16	16	20	16	12	10	8	6	7	5	7	8	554
902	Electronic Funds Transfer	128	6	4	6	6	6	2	12	9	4	11	2	4	5	3	3	6	5	4	3	1	1	231
903	Hybrid Electric Vehicles (Hevs)	28	1	4	3	8	2	7	6	6	3	5	2	6	8	4	5	0	4	6	7	1	5	121
930	Peptide or Protein Sequence	138	0	3	3	3	0	0	2	4	4	4	6	2	1	2	1	0	1	0	1	1	0	176
968	Horology	692	1	0	0	0	0	0	0	2	0	1	1	0	0	1	0	0	0	1	1	0	0	700
976	Nuclear Technology	424	7	5	2	1	4	4	3	3	0	2	0	1	0	0	0	0	1	0	0	0	0	457
977	Nanotechnology	7	1	2	5	7	7	11	15	14	27	18	25	23	42	27	8	11	14	22	13	25	27	351
984	Musical Instruments	1406	0	0	0	0	0	0	0	0	0	1	2	1	3	0	0	1	2	1	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	118	3	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	123
D01	Edible Products	100	22	9	13	17	10	19	24	27	27	30	32	21	7	27	13	19	15	22	21	21	25	521
D02	Apparel and Haberdashery	1133	156	101	172	179	188	205	195	300	253	210	154	209	179	160	128	181	221	280	305	367	309	5585
D03	Travel Goods and Personal Belongings	1706	238	228	292	273	272	265	249	334	339	314	274	251	249	206	184	285	246	260	246	294	254	7259
D04	Brushware	350	49	51	69	58	73	88	71	94	74	95	85	112	59	43	35	58	39	69	38	57	34	1701
D05	Textile or Paper Yard Goods; Sheet Material	95	6	5	4	5	6	6	11	15	10	17	19	7	17	9	9	14	12	18	11	12	18	326
D06	Furnishings	5111	537	540	715	578	719	652	585	735	676	743	654	697	581	465	354	474	633	529	520	522	459	17479
D07	Equipment for Preparing or Serving Food or Drink Not Elsewhere Specified	2672	233	238	370	323	312	397	262	342	285	362	332	258	311	290	205	380	343	368	344	387	320	9334
D08	Tools and Hardware	3188	411	394	462	446	492	448	384	550	471	545	405	341	458	397	289	446	490	514	441	414	347	12333
D09	Packages and Containers for Goods	1194	198	150	173	186	195	215	207	207	178	207	213	159	194	138	123	181	189	204	229	223	180	5143
D10	Measuring, Testing, or Signalling Instruments	1644	234	192	269	277	280	200	200	289	260	229	203	198	156	166	141	170	193	221	170	142	126	5960
D11	Jewelry, Symbolic Insignia, and Ornaments	1875	177	157	211	219	234	199	207	239	219	252	254	250	197	186	175	226	236	273	232	216	204	6438
D12	Transportation	2334	331	361	390	344	350	361	289	374	285	357	283	240	269	306	254	303	336	343	334	307	224	8975
D13	Equipment for Production, Distribution, or Transformation of Energy	419	76	66	74	86	85	78	74	85	118	110	99	106	105	64	40	86	87	121	112	68	91	2250
D14	Recording, Communication, or Information Retrieval Equipment	951	130	117	165	140	180	178	185	214	184	238	181	183	195	172	104	172	181	178	172	190	179	4589
D15	Machines Not Elsewhere Specified	1039	57	124	140	91	152	141	89	107	82	76	64	58	81	82	58	108	133	97	100	109	83	3071
D16	Photography and Optical Equipment	404	42	57	49	56	49	80	63	82	74	102	51	60	88	50	46	51	90	74	82	70	77	1797
D17	Musical Instruments	357	34	32	37	41	35	36	26	40	46	26	42	23	40	21	19	39	25	51	29	39	36	1074
D18	Printing and Office Machinery	361	43	27	48	26	28	29	17	30	26	34	19	27	25	16	12	44	30	29	45	13	21	950
D19	Office Supplies; Artists' and Teachers' Materials	1100	143	142	154	155	181	129	154	210	162	157	156	120	135	132	109	97	109	154	99	69	112	3979
D20	Sales and Advertising Equipment	392	62	55	81	81	90	73	95	114	90	82	59	29	78	62	44	53	58	44	50	63	67	1822

Class	Class Title	PRE_1991	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
D21	Games, Toys, and Sports Goods	3619	517	475	483	564	550	496	464	679	512	544	489	389	342	320	305	415	354	403	309	342	365	12936
D22	Arms, Pyrotechnics, Hunting and Fishing Equipment	1076	90	97	108	116	128	140	95	97	116	102	97	108	98	80	74	113	120	97	116	128	138	3334
D23	Environmental Heating and Cooling; Fluid Handling and Sanitary Equipment	1570	227	179	167	221	231	175	184	239	232	280	209	206	210	201	203	259	239	283	183	248	200	6146
D24	Medical and Laboratory Equipment	1809	195	229	243	235	233	231	200	246	220	226	252	199	187	128	95	163	224	226	212	333	256	6342
D25	Building Units and Construction Elements	1416	83	111	111	153	141	123	127	144	142	145	125	156	147	129	113	87	135	129	123	165	95	4100
D26	Lighting	806	121	125	111	154	159	200	179	234	183	275	328	273	257	221	147	231	293	301	246	214	227	5285
D27	Tobacco and Smokers' Supplies	265	19	6	9	18	21	20	26	49	55	38	40	42	37	38	35	59	60	42	26	35	19	959
D28	Cosmetic Products and Toilet Articles	811	83	57	86	130	103	112	127	114	105	176	155	103	115	112	64	82	71	73	90	101	114	2984
D29	Equipment for Safety, Protection, and Rescue	392	34	42	58	65	80	73	60	52	53	67	36	58	41	44	26	42	77	72	65	47	66	1550
D30	Animal Husbandry	759	121	118	154	140	145	137	117	88	81	131	73	74	82	75	72	93	99	115	96	127	117	3014
D32	Washing, Cleaning, or Drying Machine	558	76	65	81	103	122	100	105	121	92	90	69	66	83	54	42	61	102	94	70	81	75	2310
D34	Material or Article Handling Equipment	927	204	228	206	146	169	97	80	117	86	96	76	73	87	65	41	123	125	70	86	72	92	3266
D99	Miscellaneous	275	23	29	40	31	53	34	43	48	37	45	60	33	67	48	32	43	31	21	18	52	28	1091
G9B	Information Storage Based On Relative Movement Between Record Carrier and Transducer	1228	108	111	130	139	135	146	158	192	140	137	143	135	133	108	83	71	52	52	0	1	0	3402
PLT	Plants	1114	119	75	101	97	78	83	91	124	101	92	125	261	232	156	105	199	163	268	270	231	187	4272
ALL	ALL CLASSES (in this total, a patent is counted once for each class in which it has been classified)	392509	36852	35002	34884	35779	36160	37308	35257	44341	43612	43285	40935	38392	37211	32977	27394	31638	28140	26036	25390	31937	29619	1124658

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