

U.S. PATENT AND TRADEMARK OFFICE  
Patent Technology Monitoring Team (PTMT)

## Patent Counts By Class By Year

PART A1  
Granted: 01/01/1977 - 12/31/2009  
*A Patent Technology Monitoring Team Report*

### Parts of the Report

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

PART A1 - Patents Granted As Distributed By Year Of Patent Grant and U.S. Patent Classification System Class

[Table A1-1, Patent Counts Based on ORIGINAL Classification Only](#)

This table counts patents 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 patent is counted in a "classification undetermined" category (class 001 for utility patents and other non-design patent documents; class D00 for design patents). See the *Description of the Report* section, below, for further details.

[Table A1-2, Patent Counts Based on ORIGINAL and CROSS-REFERENCE Classifications with Duplicate Patents Eliminated Within Classes](#)

This table counts patents according to "original" (i.e., primary) and "cross-reference" classifications assigned to each patent. Counts of duplicate patents are eliminated within each class, but not when patents are classified among different classes. For example, the same patent would be counted once in Class 002 and once in Class 004 if it has one or more classifications assigned in both classes. If the patent record is incomplete and the classifications are unknown, then the patent is counted in a "classification undetermined" category (class 001 for utility patents and other non-design patent documents; class D00 for design patents). See the *Description of the Report* section, below, for further details.

[CONTACT INFORMATION -](#)

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## Description of the Report

Classes are major divisions of technology in the U.S. Patent Classification System (USPCS). Each class is further divided into smaller divisions of technology called subclasses. The USPCS currently contains approximately 470 total classes and 163,000 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" classification 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. **Unless otherwise indicated, patent classifications used to produce this report are those assigned to patents as of the end of the most recent calendar year for which counts are reported (e.g., December 31, 2009).** Please refer to the U.S. Patent and Trademark Office Manual of Patent Classification for further information concerning the patent classification system.

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## PATENTS INCLUDED IN THIS REPORT

This Patent Technology Monitoring Team (PTMT) Report profiles patent activity for U.S. patents granted between **01/01/1977 and 12/31/2009**. The source of the data used for this report is the TAF database maintained by the U.S. Patent and Trademark Office.

This report counts only documents of the following type(s):

**utility patents (i.e., "patents for invention"), design patents, plant patents, reissue patents, statutory invention registrations, defensive publications**  
granted by the U.S. Patent and Trademark Office during the period **01/01/1977 - 12/31/2009**. These profiled documents hereafter will be referred to as "patents".

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## PART A1 -- DATA DISTRIBUTION BY YEAR OF GRANT

**Part A1** presents tables which profile patent activity by U.S. Patent Classification System class. Part A1 presents data by year of patent grant ("Patents Granted As Distributed By Year of Patent Grant"). Patent data as shown in the **"Pre YYYY"** column (where "YYYY" is a four-digit year) correspond to activity in the specified time period prior to "YYYY".

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## 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. Microsoft Internet Explorer, version 7, works particularly well for printing this report using its "Shrink to Fit" option in Print Preview mode.

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.

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Patent Counts By Class By Year  
PART A1  
Granted: 01/01/1977 - 12/31/2009  
*A Patent Technology Monitoring Team Report*

**Part A1-1.**  
**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

*Table A1-1, Breakout by U.S. Patent Classification System Class*  
*Patent Counts Distributed by Year of Patent Grant*  
*Patents Granted: 01/01/1977 - 12/31/2009*

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
001	** Classification Undetermined **	4	0	0	0	1	0	1	1	0	0	1	0	0	0	0	0	1	9	7	17	7	10	59
002	Apparel	2121	284	243	394	341	232	259	269	384	426	508	601	568	550	496	338	408	341	381	238	220	174	9776
004	Baths, Closets, Sinks, and Spittoons	1857	218	272	287	221	249	290	230	198	218	311	409	327	351	398	329	309	231	219	182	138	111	7355
005	Beds	1913	256	295	320	338	268	237	268	335	298	312	314	353	343	333	373	403	389	390	278	350	331	8697
007	Compound Tools	198	28	21	33	21	34	25	14	28	25	31	40	41	46	39	33	38	39	39	29	10	13	825
008	Bleaching and Dyeing; Fluid Treatment and Chemical Modification of Textiles and Fibers	2466	245	172	194	176	201	202	188	211	159	228	310	239	187	194	243	212	136	194	205	180	181	6723
012	Boot and Shoe Making	264	17	21	14	11	14	13	7	11	10	14	20	6	11	6	9	9	4	9	6	11	9	496
014	Bridges	274	27	31	33	22	25	36	44	41	30	39	41	32	28	53	38	49	34	46	39	32	40	1034
015	Brushing, Scrubbing, and General Cleaning	3249	370	338	366	338	314	446	432	446	394	544	599	620	506	446	500	425	351	346	437	392	381	12240
016	Miscellaneous Hardware (e.g., Bushing, Carpet Fastener, Caster, Door Closer, Panel Hanger, Attachable or Adjunct Handle, Hinge, Window Sash Balance, Etc.)	1259	217	117	177	135	132	130	148	179	164	216	202	227	199	270	258	215	190	232	166	145	215	5193
019	Textiles: Fiber Preparation	673	76	87	122	65	54	68	66	54	54	47	45	58	65	52	42	22	20	28	15	27	32	1772
023	Chemistry: Physical Processes	175	4	11	5	15	10	19	12	5	5	13	7	14	10	11	8	5	10	6	4	7	9	365
024	Buckles, Buttons, Clasps, Etc.	2090	220	256	257	243	210	225	236	227	293	288	299	276	306	357	322	205	144	223	200	200	182	7259
026	Textiles: Cloth Finishing	196	20	28	17	18	12	11	26	20	17	23	25	14	12	7	9	7	8	6	9	4	4	493
027	Undertaking	87	11	15	11	14	13	13	14	16	28	24	20	23	23	12	25	15	12	13	42	33	23	487
028	Textiles: Manufacturing	484	42	77	59	53	39	64	60	38	47	39	45	54	44	51	45	46	23	45	42	39	33	1469
029	Metal Working	8424	1045	830	992	980	1050	961	878	924	976	1202	1120	1251	1378	1256	1471	1398	1243	1494	1247	1033	1120	32273
030	Cutlery	2386	299	286	339	237	202	221	213	234	228	276	304	291	282	306	299	275	221	230	199	164	170	7662
033	Geometrical Instruments	3315	272	364	363	335	250	235	320	245	195	255	213	318	341	407	386	374	398	379	413	382	376	10136
034	Drying and Gas or Vapor Contact with Solids	1940	151	152	183	189	199	201	167	249	229	241	284	349	234	256	184	202	193	187	97	157	75	6119
036	Boots, Shoes, and Leggings	1457	171	193	148	112	141	165	160	146	177	258	258	227	202	194	185	217	196	214	175	208	185	5389
037	Excavating	912	94	75	88	94	82	50	85	103	79	101	112	122	108	139	108	115	103	95	67	43	116	2891
038	Textiles: Ironing or Smoothing	267	29	25	33	22	12	38	29	32	37	34	33	38	30	36	23	36	20	39	28	26	22	889
040	Card, Picture, or Sign Exhibiting	1942	242	191	196	132	145	197	191	176	188	214	240	265	262	249	313	245	202	173	204	221	184	6372
042	Firearms	1013	120	136	154	100	93	108	139	108	144	149	136	87	164	189	195	155	119	130	128	135	135	3837
043	Fishing, Trapping, and Vermin Destroying	2188	410	281	253	263	284	273	212	274	176	184	346	292	206	243	296	221	195	169	139	130	133	7168
044	Fuel and Related Compositions	1479	129	84	92	81	86	103	96	105	79	100	105	119	98	77	112	89	46	28	58	66	82	3314
047	Plant Husbandry	1182	138	140	152	141	130	162	173	178	130	143	192	236	200	222	206	129	103	107	83	48	105	4300
048	Gas: Heating and Illuminating	752	62	62	22	19	23	12	34	23	42	44	28	19	24	7	21	35	27	50	60	69	81	1516
049	Movable or Removable Closures	1589	194	186	204	148	167	166	174	176	139	176	182	236	194	191	168	187	140	139	80	88	109	5033
051	Abrasive Tool Making Process, Material, or Composition	409	51	57	62	86	89	58	51	69	73	42	52	45	70	77	82	71	41	31	45	29	40	1630
052	Static Structures (e.g., Buildings)	6866	775	712	689	606	643	689	616	750	830	1000	983	1012	1136	974	851	774	677	565	440	400	601	22589
053	Package Making	3076	369	362	401	337	301	278	418	391	436	538	394	455	387	359	418	425	378	352	248	360	308	10991
054	Harness for Working Animal	133	16	17	24	25	16	19	16	15	12	27	12	31	24	33	35	31	13	27	34	25	25	610

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
055	Gas Separation	1059	98	98	98	118	114	64	77	96	103	184	152	170	172	190	169	177	150	147	181	253	276	4146
056	Harvesters	2060	191	244	216	176	176	172	198	158	116	214	238	229	182	205	201	178	199	165	118	142	157	5935
057	Textiles: Spinning, Twisting, and Twining	2097	161	149	69	133	113	142	111	109	111	162	116	107	132	98	61	66	50	75	48	57	41	4208
059	Chain, Staple, and Horseshoe Making	215	23	15	16	19	20	23	20	12	20	27	27	23	41	28	29	24	27	30	28	34	34	735
060	Power Plants	6017	554	522	519	644	634	644	620	503	537	710	672	740	1025	974	944	951	947	1095	758	707	906	21623
062	Refrigeration	5076	582	574	583	572	710	653	636	632	685	791	902	884	1045	1099	1022	813	660	797	836	564	481	20597
063	Jewelry	226	31	26	37	48	34	28	36	42	55	40	33	41	36	56	52	43	26	40	38	37	25	1030
065	Glass Manufacturing	2685	277	220	207	234	175	174	101	118	200	234	251	175	194	200	202	223	124	139	97	103	84	6417
066	Textiles: Knitting	1006	90	35	86	71	80	74	69	94	73	73	89	141	128	71	70	82	81	80	61	49	72	2675
068	Textiles: Fluid Treating Apparatus	669	63	60	63	50	70	62	62	70	80	112	111	69	49	79	72	29	33	35	72	93	113	2116
069	Leather Manufactures	90	6	3	7	1	2	1	0	2	3	1	2	2	1	1	1	4	7	0	1	1	4	140
070	Locks	1930	262	223	239	171	189	182	210	201	242	338	319	248	211	285	308	222	212	203	178	205	152	6730
071	Chemistry: Fertilizers	561	35	31	37	53	38	40	61	44	59	58	42	39	62	64	24	27	14	12	11	14	18	1344
072	Metal Deforming	4431	396	376	384	326	326	325	277	325	389	470	500	435	450	343	350	322	259	458	385	308	258	12093
073	Measuring and Testing	12206	1287	1205	1154	1070	1127	1372	1356	1463	1347	1653	1528	1517	1575	1683	2054	1724	1777	1914	1792	1917	1727	44448
074	Machine Element or Mechanism	4460	557	487	438	514	594	409	373	490	425	618	626	613	604	561	491	410	353	389	390	340	378	14520
075	Specialized Metallurgical Processes, Compositions for Use Therein, Consolidated Metal Powder Compositions, and Loose Metal Particulate Mixtures	2731	211	236	203	192	227	223	245	175	150	200	247	231	274	289	235	190	131	102	136	123	174	6925
076	Metal Tools and Implements, Making	338	39	16	41	38	23	27	44	28	24	23	19	31	21	19	22	15	10	9	16	8	11	822
079	Button Making	2	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1	0	0	1	9
081	Tools	1669	233	201	211	185	187	197	142	193	130	184	285	352	407	293	228	256	310	416	337	205	115	6736
082	Turning	839	79	67	82	74	63	54	33	41	64	73	82	68	75	55	109	50	45	49	30	38	52	2122
083	Cutting	3124	246	259	308	282	259	235	183	157	177	301	337	314	286	204	264	320	210	272	174	144	157	8213
084	Music	2683	222	251	239	252	299	305	343	323	273	342	417	381	347	306	277	274	234	316	374	425	482	9365
086	Ammunition and Explosive-Charge Making	188	20	18	18	19	18	17	16	10	14	21	10	11	16	15	15	7	14	15	12	14	14	502
087	Textiles: Braiding, Netting, and Lace Making	93	10	13	8	8	7	9	11	6	6	13	15	7	8	11	9	5	2	8	11	7	3	270
089	Ordnance	1348	156	181	152	159	129	134	134	80	111	123	108	83	124	118	126	117	87	84	98	104	133	3889
091	Motors: Expansible Chamber Type	1671	140	122	107	133	122	92	67	87	77	111	77	80	92	104	81	92	69	79	80	48	49	3580
092	Expansible Chamber Devices	906	142	105	135	90	93	101	101	93	111	141	136	99	153	160	144	113	105	99	126	103	75	3331
095	Gas Separation: Processes	1437	164	153	163	180	152	122	135	136	132	205	216	205	227	272	276	218	166	211	165	213	189	5337
096	Gas Separation: Apparatus	1385	125	125	122	112	108	93	97	111	124	138	133	126	130	168	159	142	116	108	127	151	190	4090
099	Foods and Beverages: Apparatus	1890	202	220	201	210	254	234	309	279	320	306	352	332	332	277	278	247	173	176	112	168	161	7033
100	Presses	1286	72	54	107	115	117	113	99	103	103	135	105	82	82	56	129	105	82	107	73	97	55	3277
101	Printing	2723	272	264	302	327	309	319	339	357	366	525	447	431	385	438	546	581	333	353	205	201	168	10191
102	Ammunition and Explosives	1931	231	215	261	203	197	182	180	155	143	155	132	121	215	192	213	151	137	141	110	141	133	5539
104	Railways	946	91	122	92	96	81	71	82	86	102	73	52	65	91	105	84	57	47	33	41	51	67	2535
105	Railway Rolling Stock	821	71	70	78	82	72	69	78	77	71	91	55	65	99	91	81	49	67	49	43	47	55	2281
106	Compositions: Coating or Plastic	3187	287	264	344	426	376	483	406	394	415	554	518	427	428	472	489	489	311	372	411	365	327	11745
108	Horizontally Supported Planar Surfaces	834	130	89	73	97	76	145	138	167	158	159	176	190	152	155	149	159	110	118	64	71	88	3498
109	Safes, Bank Protection, or a Related Device	254	22	20	12	8	18	12	11	12	22	21	16	11	7	12	14	8	12	5	6	7	4	514
110	Furnaces	1258	132	154	144	124	108	137	80	104	121	143	82	93	119	92	50	68	79	62	33	32	23	3238
111	Planting	450	25	44	36	30	26	38	41	55	47	38	59	59	68	48	66	58	47	59	57	59	61	1471
112	Sewing	2468	197	160	214	171	143	127	134	178	156	181	188	157	146	87	65	112	92	89	71	78	69	5283
114	Ships	2528	286	283	294	255	239	259	268	271	256	257	277	336	318	274	287	258	321	331	292	259	206	8355
116	Signals and Indicators	719	73	67	87	58	63	81	58	57	52	39	51	59	66	75	65	73	60	48	48	57	63	2019
117	Single-Crystal, Oriented-Crystal, and Epitaxy Growth Processes; Non-Coating Apparatus Therefor	864	98	102	88	108	129	151	177	138	127	203	236	226	190	187	178	191	175	184	206	221	153	4332
118	Coating Apparatus	2188	231	246	269	271	290	273	323	369	375	408	431	554	544	478	444	366	299	258	225	256	257	9355
119	Animal Husbandry	1971	210	257	311	310	277	291	248	279	283	456	391	357	356	438	434	298	304	325	297	234	231	8558

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
122	Liquid Heaters and Vaporizers	1074	112	101	76	56	68	99	47	59	35	86	82	82	82	82	86	65	64	46	43	52	56	2553
123	Internal-Combustion Engines	11326	1076	1116	1196	1154	1082	843	864	1076	1108	1294	1240	1397	1752	1776	1741	1664	1622	1836	1636	1513	1139	39451
124	Mechanical Guns and Projectors	625	87	70	79	77	84	92	108	104	138	106	109	101	82	79	114	138	81	71	95	76	80	2596
125	Stone Working	296	31	45	21	28	36	24	20	24	31	41	47	68	64	61	39	38	47	63	30	30	13	1097
126	Stoves and Furnaces	4385	225	240	198	144	149	167	169	139	143	162	230	224	184	122	164	166	154	78	61	62	71	7637
127	Sugar, Starch, and Carbohydrates	349	36	19	31	30	20	25	23	22	18	32	47	21	26	25	12	15	6	11	12	5	6	791
128	Surgery	1865	339	306	365	294	324	390	389	494	522	653	558	588	481	522	573	521	411	505	374	302	335	11111
131	Tobacco	1557	146	157	164	174	94	83	90	91	92	129	80	89	61	67	73	92	45	30	48	34	43	3439
132	Toilet	918	92	107	134	118	103	130	96	136	140	244	322	239	188	169	157	102	66	94	113	72	81	3821
134	Cleaning and Liquid Contact with Solids	1660	256	205	271	262	270	317	321	303	322	433	549	438	462	514	554	390	302	272	284	267	287	8939
135	Tent, Canopy, Umbrella, or Cane	466	107	75	62	74	86	126	90	95	105	131	112	122	186	134	93	123	81	78	102	90	116	2654
136	Batteries: Thermoelectric and Photoelectric	1007	53	57	71	63	72	76	91	85	65	72	118	173	203	180	147	113	55	58	78	60	83	2980
137	Fluid Handling	7003	735	676	699	678	662	623	581	555	539	746	903	947	1020	722	673	686	693	678	539	443	407	21208
138	Pipes and Tubular Conduits	1342	112	84	105	75	81	111	127	114	110	172	240	275	216	177	158	135	152	150	88	90	137	4251
139	Textiles: Weaving	1390	125	128	142	124	100	110	119	100	98	109	89	137	156	98	41	67	95	102	44	56	80	3510
140	Wireworking	432	22	31	27	35	29	25	26	33	33	36	33	31	26	21	28	19	8	33	22	19	7	976
141	Fluent Material Handling, with Receiver or Receiver Coacting Means	1653	177	176	173	184	217	255	209	228	215	237	298	251	347	312	289	333	268	275	232	133	143	6605
142	Wood Turning	28	1	3	3	5	1	1	1	3	2	1	5	2	2	0	1	0	0	0	0	0	1	60
144	Woodworking	1243	123	121	106	130	87	109	101	80	91	107	139	133	110	111	121	72	53	109	74	83	65	3368
147	Coopering	2	1	0	0	0	0	0	1	0	0	1	0	0	4	0	0	0	0	0	0	0	0	9
148	Metal Treatment	2902	352	313	318	379	386	367	378	339	293	393	406	403	469	479	468	345	227	202	191	202	229	10041
149	Explosive and Thermic Compositions or Charges	659	51	65	77	31	27	19	52	82	46	55	41	73	57	43	61	45	62	25	2	8	14	1595
150	Purses, Wallets, and Protective Covers	115	17	23	18	21	21	19	15	15	10	20	17	28	23	18	21	15	9	13	18	10	24	490
152	Resilient Tires and Wheels	1328	146	127	116	116	160	160	135	104	125	146	130	178	170	233	224	169	149	172	147	125	120	4480
156	Adhesive Bonding and Miscellaneous Chemical Manufacture	7120	788	766	655	695	767	758	806	751	887	1058	1128	1070	1076	1078	1188	1049	750	732	614	555	485	24776
157	Wheelwright Machines	165	20	11	20	15	18	10	8	7	5	5	7	15	23	8	14	7	12	16	20	18	17	441
159	Concentrating Evaporators	265	13	13	14	28	26	10	12	11	5	14	9	8	5	7	3	7	14	7	4	4	7	486
160	Flexible or Portable Closure, Partition, or Panel	935	161	123	157	170	123	122	125	159	165	173	171	244	212	172	188	193	168	162	138	98	112	4271
162	Paper Making and Fiber Liberation	1704	192	230	189	226	215	206	224	269	295	330	286	326	423	427	309	271	192	209	204	200	193	7120
163	Needle and Pin Making	11	1	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	15
164	Metal Founding	2511	248	251	260	187	258	260	175	196	200	225	244	162	205	261	290	201	218	235	183	104	105	6979
165	Heat Exchange	3615	355	319	351	316	307	335	253	301	266	346	380	370	420	373	346	417	424	544	359	253	251	10901
166	Wells	4158	437	378	402	400	417	528	406	308	248	386	423	518	632	525	596	648	515	841	755	744	693	14958
168	Farriery	63	7	6	14	14	12	9	2	7	9	8	6	12	10	16	10	10	6	3	5	6	9	244
169	Fire Extinguishers	421	44	43	53	63	45	33	32	59	56	67	88	96	49	52	45	49	49	58	40	50	35	1527
171	Unearthing Plants or Buried Objects	124	10	13	8	5	8	6	8	5	5	6	2	7	4	5	6	5	4	6	1	1	2	241
172	Earth Working	1548	136	107	86	83	75	82	109	110	94	134	111	131	127	100	87	97	91	90	46	37	70	3551
173	Tool Driving or Impacting	846	100	53	77	86	46	65	53	57	54	76	86	99	91	66	90	115	104	124	83	109	96	2576
174	Electricity: Conductors and Insulators	2434	290	223	288	243	336	364	403	355	316	487	416	516	914	954	792	751	682	653	639	626	620	13302
175	Boring or Penetrating the Earth	1889	206	169	191	184	160	223	170	181	154	214	233	270	306	276	261	229	203	275	265	280	256	6595
177	Weighing Scales	1107	142	76	64	89	90	75	41	36	60	111	92	57	69	84	87	94	65	85	83	69	71	2747
178	Telegraphy	409	48	27	39	32	32	26	41	55	40	36	32	10	14	11	11	14	5	10	7	2	1	902
180	Motor Vehicles	3581	430	351	419	355	327	340	215	303	198	356	416	457	490	536	570	506	571	577	587	610	682	12877
181	Acoustics	1356	162	125	118	109	113	98	112	111	101	154	173	171	126	152	179	144	126	72	110	142	151	4105
182	Fire Escape, Ladder, or Scaffold	1327	125	133	151	169	83	138	104	97	104	151	191	162	130	166	128	153	137	144	95	47	33	3968
184	Lubrication	385	41	75	69	54	71	54	53	59	42	52	44	60	69	66	62	41	39	41	34	31	18	1460
185	Motors: Spring, Weight, or Animal Powered	56	4	5	0	3	5	3	5	0	4	3	5	4	3	6	2	4	2	1	0	0	2	117
186	Merchandising	71	5	9	11	20	10	8	9	13	9	12	9	10	6	7	17	10	3	3	8	3	4	257
187	Elevator, Industrial Lift Truck, or Stationary	852	61	64	125	106	114	123	101	120	111	154	182	116	132	171	102	70	67	112	128	130	132	3273

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
	Lift for Vehicle																							
188	Brakes	2451	300	197	227	236	212	238	275	295	203	253	307	295	481	448	315	251	290	302	261	240	212	8289
190	Trunks and Hand-Carried Luggage	201	31	19	24	42	24	26	37	37	31	37	38	39	47	40	47	23	26	31	22	21	20	863
191	Electricity: Transmission To Vehicles	178	12	9	17	16	20	16	10	13	21	18	15	14	35	23	15	13	14	12	5	2	11	489
192	Clutches and Power-Stop Control	2664	281	304	327	289	179	162	177	245	280	266	393	359	275	298	326	296	223	259	193	174	162	8132
193	Conveyors, Chutes, Skids, Guides, and Ways	239	14	18	25	18	20	13	14	9	11	4	26	26	35	28	17	16	11	19	16	15	20	614
194	Check-Actuated Control Mechanisms	479	59	41	57	56	60	68	89	83	51	56	84	81	66	34	56	45	52	36	31	18	36	1638
196	Mineral Oils: Apparatus	73	2	3	6	4	5	3	2	2	4	5	2	4	1	1	0	0	0	2	0	2	4	125
198	Conveyors: Power-Driven	3363	405	387	425	468	389	423	327	304	282	321	422	421	523	474	486	411	313	342	340	334	315	11475
199	Type Casting	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
200	Electricity: Circuit Makers and Breakers	3690	293	277	263	208	233	259	239	251	249	389	363	345	275	325	384	418	359	414	341	326	351	10252
201	Distillation: Processes, Thermolytic	329	11	9	7	10	1	6	13	5	14	12	3	5	3	1	3	3	4	9	0	5	9	462
202	Distillation: Apparatus	705	31	38	28	27	44	32	36	29	31	31	35	24	25	21	26	21	18	23	15	21	22	1283
203	Distillation: Processes, Separatory	820	54	79	56	86	83	62	80	62	68	84	74	48	40	71	43	33	36	35	32	33	40	2019
204	Chemistry: Electrical and Wave Energy	4754	507	461	377	493	466	531	488	422	425	476	544	688	724	680	605	520	403	342	348	317	312	14883
205	Electrolysis: Processes, Compositions Used Therein, and Methods of Preparing the Compositions	4249	327	325	281	343	338	346	329	294	285	276	351	334	470	393	348	353	242	204	201	178	177	10644
206	Special Receptacle or Package	4793	699	624	588	571	597	655	631	631	614	853	872	804	685	618	561	486	530	492	384	529	445	17662
208	Mineral Oils: Processes and Products	3764	314	293	274	207	206	280	183	126	134	152	254	207	193	169	152	144	106	117	140	163	165	7743
209	Classifying, Separating, and Assorting Solids	2391	226	187	178	184	198	187	182	166	159	165	222	220	227	175	160	184	146	143	126	145	113	6084
210	Liquid Purification or Separation	8277	1090	1017	1132	1281	1200	954	1042	1118	1114	1162	1159	1178	1225	1048	1003	996	893	881	972	931	847	30520
211	Supports: Racks	1540	175	206	239	248	232	246	185	234	258	332	303	321	308	300	293	251	227	227	195	112	107	6539
212	Traversing Hoists	478	28	32	36	42	30	16	26	24	44	47	37	51	38	30	53	21	14	34	38	45	42	1206
213	Railway Draft Appliances	168	5	14	14	28	11	14	14	27	14	15	14	13	22	14	5	14	5	10	9	10	15	455
215	Bottles and Jars	1583	201	145	162	153	126	122	156	121	133	186	197	165	135	117	102	93	91	117	80	70	83	4338
216	Etching a Substrate: Processes	823	124	139	142	137	229	205	208	156	192	238	229	215	224	246	257	229	197	241	228	233	198	5090
217	Wooden Receptacles	43	4	2	0	2	1	5	2	2	0	5	5	3	1	1	1	0	2	1	0	2	0	82
218	High-Voltage Switches with Arc Preventing or Extinguishing Devices	849	46	45	44	50	34	39	26	52	34	79	55	47	65	60	48	57	33	30	22	14	23	1752
219	Electric Heating	6801	805	743	686	670	691	720	639	601	557	838	955	1162	1131	1121	1046	1085	950	1023	801	579	487	24091
220	Receptacles	3180	450	446	402	407	412	393	377	383	347	453	515	482	488	402	283	285	230	288	216	187	291	10917
221	Article Dispensing	986	100	96	123	116	114	110	119	127	85	135	144	152	174	141	184	151	98	142	100	81	73	3551
222	Dispensing	4096	485	539	573	534	510	573	520	466	437	557	790	628	649	641	448	470	420	415	344	238	264	14597
223	Apparel Apparatus	405	31	44	71	60	31	30	49	53	73	61	82	94	85	51	36	55	44	39	54	43	21	1512
224	Package and Article Carriers	1309	204	199	208	158	206	203	256	260	267	319	302	246	295	252	223	224	140	110	97	85	60	5623
225	Severing by Tearing or Breaking	392	29	25	40	56	36	36	32	31	23	36	35	21	26	29	37	37	30	31	17	12	14	1025
226	Advancing Material of Indeterminate Length	760	84	47	35	37	47	60	42	33	35	80	58	47	51	53	43	26	18	16	21	18	5	1616
227	Elongated-Member-Driving Apparatus	891	105	70	90	80	70	78	93	106	123	126	110	124	94	83	120	148	133	175	132	145	159	3255
228	Metal Fusion Bonding	1625	275	197	235	278	299	273	241	203	203	181	259	371	384	328	300	304	257	191	136	199	176	6915
229	Envelopes, Wrappers, and Paperboard Boxes	1654	205	204	227	184	190	221	186	162	141	200	199	191	188	153	118	58	97	76	83	77	90	4904
231	Whips and Whip Apparatus	9	1	0	2	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0	0	3	1	21
232	Deposit and Collection Receptacles	230	35	34	30	27	16	17	38	22	23	25	28	19	23	18	21	25	27	37	52	42	22	811
234	Selective Cutting (e.g., Punching)	26	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	3	2	8	1	3	0	47
235	Registers	1634	319	194	235	239	316	311	365	350	319	446	568	600	514	597	797	813	615	1041	1025	1085	1016	13399
236	Automatic Temperature and Humidity Regulation	1021	81	70	55	61	93	78	59	57	45	67	87	80	82	86	75	68	59	64	69	41	47	2445
237	Heating Systems	445	28	42	28	26	32	25	19	23	24	49	45	46	38	39	39	31	23	26	7	11	5	1051
238	Railways: Surface Track	324	28	34	20	36	14	17	20	27	20	31	14	21	32	36	24	23	14	19	10	14	10	788
239	Fluid Sprinkling, Spraying, and Diffusing	3707	394	397	384	387	398	421	340	306	354	531	574	639	479	498	537	633	513	557	361	297	294	13001
241	Solid Material Comminution or Disintegration	2183	225	226	217	199	247	236	225	249	218	245	280	212	174	198	215	156	148	201	238	190	238	6720

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
242	Winding, Tensioning, or Guiding	4682	474	448	377	339	447	549	367	445	421	574	536	528	442	506	462	367	338	339	316	291	223	13471
244	Aeronautics and Astronautics	2597	287	251	350	391	294	283	238	223	213	404	386	435	446	449	441	428	350	369	345	281	358	9819
245	Wire Fabrics and Structure	15	0	1	1	0	1	0	0	0	0	1	0	1	3	0	0	0	1	2	1	1	0	28
246	Railway Switches and Signals	236	16	23	21	27	26	29	33	38	37	45	16	31	33	37	37	24	16	28	27	19	20	819
248	Supports	3862	563	610	710	665	491	538	492	491	493	753	723	804	685	798	738	496	405	466	500	420	602	16305
249	Static Molds	827	75	45	35	41	39	28	31	35	45	50	39	35	54	45	46	60	39	57	46	23	27	1722
250	Radiant Energy	7627	1282	1241	1319	1186	1072	1164	1110	1001	883	1121	1026	1035	1284	1477	1677	1780	1473	2281	2008	2210	2184	37441
251	Valves and Valve Actuation	2345	239	267	218	261	245	250	166	178	167	244	286	341	244	254	284	326	367	382	210	179	174	7627
252	Compositions	3835	409	408	522	546	542	535	502	532	501	665	655	602	511	431	554	528	326	441	421	435	433	14334
254	Implements or Apparatus for Applying Pushing or Pulling Force	1342	124	91	78	114	130	91	72	85	99	100	144	150	135	138	162	116	124	148	123	138	112	3816
256	Fences	418	44	47	36	39	39	34	38	45	54	51	49	62	70	46	73	57	64	54	35	48	53	1456
257	Active Solid-State Devices (e.g., Transistors, Solid-State Diodes)	3861	753	958	1243	1119	1006	1387	1365	1543	1621	2417	2621	2713	2973	3574	4286	4681	4278	4483	4297	4118	4674	59971
258	Railway Mail Delivery	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
260	Chemistry of Carbon Compounds	25	1	0	2	4	8	6	3	1	3	4	0	3	10	2	2	2	2	0	1	5	3	87
261	Gas and Liquid Contact Apparatus	1546	100	102	98	101	86	67	75	101	92	86	111	119	136	130	124	121	78	117	108	98	103	3699
264	Plastic and Nonmetallic Article Shaping or Treating; Processes	6997	817	812	906	1017	997	750	805	772	890	1112	995	975	997	885	998	988	656	646	540	505	525	24585
266	Metallurgical Apparatus	1616	125	108	129	117	111	145	120	87	79	75	86	92	92	88	94	69	43	36	45	57	84	3498
267	Spring Devices	990	209	143	123	145	146	124	107	117	110	119	149	158	184	220	177	109	82	113	99	102	65	3791
269	Work Holders	996	134	115	80	107	85	74	57	82	64	104	127	137	123	122	95	86	89	64	52	35	2950	
270	Sheet-Material Associating	453	42	68	95	99	52	55	63	60	63	68	34	33	60	45	52	66	32	54	48	75	119	1736
271	Sheet Feeding or Delivering	1993	233	230	342	383	351	287	261	229	241	202	324	319	358	289	379	251	219	215	215	338	436	8095
273	Amusement Devices: Games	2502	283	278	284	295	258	338	337	312	326	360	311	293	312	322	301	218	189	218	231	224	228	8420
276	Typesetting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
277	Seal for a Joint or Juncture	2179	202	123	192	183	188	165	134	240	212	183	226	258	326	296	263	249	206	187	107	112	68	6299
278	Land Vehicles: Animal Draft Appliances	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	6
279	Chucks or Sockets	429	40	30	47	47	49	61	52	38	26	57	72	47	71	55	76	37	57	23	34	29	24	1401
280	Land Vehicles	6280	694	683	817	698	795	929	926	1012	817	1118	1184	1394	1502	1379	1152	1148	1112	1139	1165	1219	1170	28333
281	Books, Strips, and Leaves	252	48	48	43	42	55	37	45	37	46	51	71	54	48	34	19	24	17	15	8	13	10	1017
283	Printed Matter	368	73	74	87	85	88	97	100	75	79	120	138	125	117	77	54	66	33	33	24	30	18	1961
285	Pipe Joints or Couplings	2589	310	256	258	319	250	324	265	253	189	299	315	287	293	346	294	229	251	251	165	276	269	8288
289	Knots and Knot Tying	96	7	4	4	2	2	1	1	5	9	3	7	5	10	7	10	7	4	3	5	4	7	203
290	Prime-Mover Dynamo Plants	809	59	35	31	42	22	34	34	17	26	65	54	83	108	106	98	168	183	199	193	240	250	2856
291	Track Sanders	14	0	3	0	1	0	0	0	3	0	0	0	1	0	1	2	1	5	1	1	1	3	37
292	Closure Fasteners	1610	205	241	255	220	148	113	134	211	196	184	189	234	126	242	239	162	160	182	194	172	151	5568
293	Vehicle Fenders	287	24	33	32	38	25	21	19	15	22	30	28	32	61	55	55	69	74	54	60	56	52	1142
294	Handling: Hand and Hoist-Line Implements	1782	174	147	141	165	169	170	165	183	181	239	210	241	195	211	153	81	91	142	149	121	129	5239
295	Railway Wheels and Axles	34	1	3	4	1	1	1	0	4	4	0	9	2	3	4	5	4	1	0	1	1	1	84
296	Land Vehicles: Bodies and Tops	2254	325	372	392	321	292	278	239	318	285	435	539	625	795	730	780	787	731	822	744	702	663	13429
297	Chairs and Seats	2509	354	262	273	299	233	457	344	460	447	540	591	652	490	555	639	629	480	626	505	549	545	12439
298	Land Vehicles: Dumping	160	13	10	14	11	14	11	20	20	7	17	11	21	25	16	27	24	17	13	11	12	6	480
299	Mining or In Situ Disintegration of Hard Material	1369	78	73	56	78	55	39	43	40	45	39	39	45	57	53	45	36	36	36	29	67	43	2401
300	Brush, Broom, and Mop Making	51	11	13	7	15	9	9	13	12	15	12	12	5	12	12	13	12	8	3	6	8	8	266
301	Land Vehicles: Wheels and Axles	471	46	56	63	62	49	59	48	75	56	79	86	122	128	132	119	97	79	90	58	75	64	2114
303	Fluid-Pressure and Analogous Brake Systems	1438	210	159	170	176	223	218	220	217	191	216	231	274	302	247	187	132	142	140	117	142	95	5447
305	Wheel Substitutes for Land Vehicles	289	33	18	15	17	15	20	22	14	18	34	31	41	44	51	46	28	31	27	28	26	20	868
307	Electrical Transmission or Interconnection Systems	1590	188	99	104	117	178	138	164	222	274	320	386	326	276	288	316	301	141	285	289	318	431	6751
310	Electrical Generator or Motor Structure	4118	493	440	488	508	491	480	432	426	491	863	873	911	997	988	878	1365	1105	1052	917	968	1203	20487

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312	Supports: Cabinet Structure	1594	158	136	149	170	195	163	213	193	191	235	263	272	207	250	219	207	174	130	121	113	114	5467
313	Electric Lamp and Discharge Devices	2992	388	340	337	292	269	206	299	397	376	607	610	556	601	729	1031	915	692	769	764	723	827	14720
314	Electric Lamp and Discharge Devices: Consumable Electrodes	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	10
315	Electric Lamp and Discharge Devices: Systems	3418	290	409	480	364	320	332	401	357	305	453	472	539	617	730	750	643	517	575	535	499	420	13426
318	Electricity: Motive Power Systems	3952	392	445	426	415	468	420	422	467	419	663	618	634	585	580	526	563	562	778	621	583	614	15153
320	Electricity: Battery or Capacitor Charging or Discharging	628	50	32	58	105	122	110	102	149	267	245	323	361	397	355	295	251	208	183	186	246	503	5176
322	Electricity: Single Generator Systems	431	27	32	44	35	42	36	18	55	53	62	37	49	50	38	37	62	36	66	75	62	75	1422
323	Electricity: Power Supply or Regulation Systems	1319	144	132	110	136	110	130	168	197	260	267	311	305	334	326	291	275	292	400	382	375	490	6754
324	Electricity: Measuring and Testing	5772	1032	862	876	922	876	829	1023	1244	985	986	939	1181	1478	1907	1847	1836	1698	1965	1818	1706	1738	33520
326	Electronic Digital Logic Circuitry	1198	233	222	310	321	237	285	351	368	304	329	357	535	584	585	497	546	507	528	653	643	579	10172
327	Miscellaneous Active Electrical Nonlinear Devices, Circuits, and Systems	3738	442	379	450	540	393	531	642	717	597	987	1092	1219	1408	1453	1257	1205	1066	1289	1173	1036	1236	22850
329	Demodulators	369	53	29	27	39	17	30	42	28	31	36	30	36	32	17	24	27	17	17	9	16	21	947
330	Amplifiers	2205	228	189	245	251	195	269	252	208	209	266	354	426	451	477	551	589	478	651	652	639	612	10397
331	Oscillators	1497	173	151	161	186	127	158	173	169	176	228	220	268	299	223	345	356	293	380	397	376	407	6763
332	Modulators	253	31	21	33	36	21	33	48	39	24	41	35	27	32	25	37	21	21	25	29	18	32	882
333	Wave Transmission Lines and Networks	2444	214	185	256	248	204	265	235	218	214	339	346	358	309	471	589	537	513	480	398	427	491	9741
334	Tuners	91	3	4	0	0	2	2	1	0	0	4	4	1	2	4	2	1	3	4	1	2	3	134
335	Electricity: Magnetically Operated Switches, Magnets, and Electromagnets	1800	172	159	179	155	154	195	156	179	151	123	220	193	222	202	204	243	245	240	154	136	187	5669
336	Inductor Devices	680	73	53	49	41	55	68	66	76	48	110	102	127	136	179	203	184	243	222	205	185	150	3255
337	Electricity: Electrothermally or Thermally Actuated Switches	984	78	70	53	72	63	46	31	39	69	99	105	64	48	76	106	81	38	46	40	49	58	2315
338	Electrical Resistors	1148	110	112	104	84	92	106	49	67	63	86	118	103	100	105	80	52	50	97	69	47	49	2891
340	Communications: Electrical	5669	873	691	666	626	656	667	838	961	1073	1384	1395	1544	1433	1306	1088	1486	1490	2217	1723	1905	1872	31563
341	Coded Data Generation or Conversion	1761	247	285	296	259	291	250	313	319	473	568	442	460	645	768	724	720	653	816	805	884	748	12727
342	Communications: Directive Radio Wave Systems and Devices (e.g., Radar, Radio Navigation)	2375	252	271	315	322	301	354	340	418	300	404	462	500	530	594	565	586	420	515	496	541	685	11546
343	Communications: Radio Wave Antennas	1731	264	171	184	178	234	207	217	262	250	306	555	608	759	779	594	610	779	893	730	810	785	11906
345	Computer Graphics Processing and Selective Visual Display Systems	2251	438	385	402	419	533	703	760	904	1053	1666	1569	1635	1876	1865	1884	2171	2004	2939	2487	2351	2597	32892
346	Recorders	806	70	75	45	53	49	61	33	20	9	17	22	22	12	12	5	2	4	4	4	2	1	1328
347	Incremental Printing of Symbolic Information	2689	407	436	347	451	470	410	500	597	596	1049	1028	1414	1757	1881	1712	1578	1337	1485	1554	1831	1678	25207
348	Television	5666	765	722	823	822	839	962	940	1042	860	1156	1097	1036	1015	1052	1069	1280	1098	1602	1370	1634	1946	28796
349	Liquid Crystal Cells, Elements and Systems	984	207	176	206	273	237	244	257	385	375	601	509	653	621	628	859	1007	993	951	842	997	1406	13411
351	Optics: Eye Examining, Vision Testing and Correcting	1042	220	171	170	159	167	150	202	202	196	279	324	313	296	261	315	311	245	296	364	417	380	6480
352	Optics: Motion Pictures	498	11	23	28	25	15	10	12	21	23	18	26	21	20	18	26	36	21	23	17	12	11	915
353	Optics: Image Projectors	561	33	61	43	51	66	72	87	85	95	113	97	101	133	212	257	305	268	403	382	342	252	4019
355	Photocopying	2003	251	293	280	219	126	159	150	95	191	224	252	226	321	269	299	365	345	469	393	399	284	7613
356	Optics: Measuring and Testing	4779	611	526	631	613	590	665	767	708	729	1049	985	1033	707	882	1260	1219	1099	1384	1539	1665	1576	25017
358	Facsimile and Static Presentation Processing	1807	401	448	414	474	525	630	587	724	635	915	779	745	677	717	790	825	915	1349	1289	1355	1462	18463
359	Optical: Systems and Elements	5559	796	822	876	958	864	754	753	1064	1120	1604	1563	1652	1773	1842	1911	2088	2011	2372	2025	2065	2025	36497
360	Dynamic Magnetic Information Storage or Retrieval	4796	844	596	694	629	705	764	781	702	754	1121	1143	1212	1120	1200	1251	1470	1129	1472	1136	1085	1134	25738
361	Electricity: Electrical Systems and Devices	5322	769	654	591	788	713	698	854	970	852	1387	1291	1390	1608	1933	1888	1852	1449	1709	1889	2004	2122	32733
362	Illumination	3126	457	463	516	516	401	430	539	531	537	649	670	879	968	979	1089	920	958	1260	1375	1200	1342	19805
363	Electric Power Conversion Systems	1989	278	232	217	195	177	217	222	259	375	403	511	459	489	488	359	308	292	352	309	329	398	8858
365	Static Information Storage and Retrieval	3022	517	465	495	368	628	1014	922	1008	1138	1513	1760	1928	1979	1966	1953	2006	2017	2175	2295	2338	2384	33891
366	Agitating	1944	218	190	136	112	142	193	175	225	160	213	214	204	243	191	205	180	163	147	157	182	125	5719
367	Communications, Electrical: Acoustic Wave	1879	288	330	265	264	225	207	189	228	173	222	166	193	150	134	134	143	147	143	180	241	217	6118

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
	Systems and Devices																							
368	Horology: Time Measuring Systems or Devices	1976	124	105	136	109	139	134	100	113	117	145	140	132	183	158	168	166	125	175	152	198	151	4946
369	Dynamic Information Storage or Retrieval	2210	394	277	414	539	599	555	641	720	722	926	789	792	832	866	932	941	737	1197	1169	1148	1060	18460
370	Multiplex Communications	2549	402	414	358	421	524	741	866	1037	907	1232	1514	1832	1941	2241	2574	2922	2745	3816	3178	4526	5304	42044
372	Coherent Light Generators	2086	498	404	435	419	447	560	412	351	353	504	466	473	454	442	702	864	612	591	413	491	577	12554
373	Industrial Electric Heating Furnaces	742	42	27	21	35	58	45	51	55	27	36	72	56	36	42	30	29	14	24	13	11	3	1469
374	Thermal Measuring and Testing	1192	146	95	126	151	137	125	59	61	127	193	98	176	138	138	149	143	159	176	100	164	217	4070
375	Pulse or Digital Communications	2169	438	346	439	476	519	610	717	857	869	1242	1245	1345	1358	1462	1572	1677	1569	2396	2130	2289	2280	28005
376	Induced Nuclear Reactions: Processes, Systems, and Elements	2521	278	200	246	297	299	294	185	171	137	185	156	82	115	110	110	94	83	36	28	40	61	5728
377	Electrical Pulse Counters, Pulse Dividers, or Shift Registers: Circuits and Systems	1049	83	69	88	89	75	74	80	53	45	53	52	66	45	65	31	40	53	31	27	38	41	2247
378	X-Ray or Gamma Ray Systems or Devices	2144	261	263	323	285	258	218	279	313	275	316	269	379	534	600	451	429	466	632	564	610	699	10568
379	Telephonic Communications	3133	457	415	351	329	357	496	648	738	620	1046	1105	920	968	995	1055	1300	935	1254	903	706	788	19519
380	Cryptography	603	101	109	116	113	140	135	137	141	171	235	158	236	206	167	98	167	224	369	410	374	490	4900
381	Electrical Audio Signal Processing Systems and Devices	1764	204	166	186	182	223	205	257	287	331	510	326	363	278	321	400	493	369	625	518	465	492	8965
382	Image Analysis	1359	290	311	475	439	429	417	407	547	654	1320	1353	1244	1413	1241	1625	1782	1362	2302	2154	2427	2625	26176
383	Flexible Bags	564	116	93	101	76	80	85	65	68	61	89	117	134	133	100	81	67	82	68	61	46	55	2342
384	Bearings	2307	239	252	246	221	215	208	227	258	196	258	266	268	311	305	299	266	240	256	214	210	225	7487
385	Optical Waveguides	2689	584	548	684	646	613	578	563	573	675	863	838	867	1322	1616	1900	2007	1917	1979	1816	1621	1315	26214
386	Television Signal Processing for Dynamic Recording or Reproducing	1303	234	148	147	180	183	160	179	277	225	334	338	310	334	375	348	363	265	396	479	487	492	7557
388	Electricity: Motor Control Systems	432	40	29	23	13	15	24	22	21	19	18	25	21	11	15	9	14	5	13	10	14	11	804
392	Electric Resistance Heating Devices	627	72	61	62	71	76	79	71	55	66	91	117	131	129	108	80	87	119	125	99	58	63	2447
396	Photography	4917	421	457	478	450	487	531	483	694	752	967	728	673	522	571	475	440	218	228	188	364	612	15656
398	Optical Communications	602	122	109	151	137	120	225	212	261	200	298	338	292	339	407	441	393	306	616	650	598	635	7452
399	Electrophotography	3251	450	529	634	660	685	682	634	900	727	1064	1079	956	931	942	924	972	895	1175	1246	1301	1301	21938
400	Typewriting Machines	2360	325	252	317	295	240	208	238	256	222	321	329	307	243	263	268	288	263	262	212	153	123	7745
401	Coating Implements with Material Supply	811	105	151	182	110	102	118	87	75	67	122	263	225	296	238	199	202	182	195	173	162	128	4193
402	Binder Device Releasably Engaging Aperture or Notch of Sheet	203	35	33	41	29	30	29	29	25	38	51	47	52	47	36	33	31	22	16	16	16	20	879
403	Joints and Connections	2158	177	259	231	222	183	159	170	223	253	271	199	242	296	295	271	243	162	142	101	132	111	6500
404	Road Structure, Process, or Apparatus	894	130	121	137	107	145	128	137	138	103	108	147	141	117	152	149	155	126	175	149	140	143	3742
405	Hydraulic and Earth Engineering	3416	347	350	390	333	382	287	270	366	269	388	353	289	291	344	333	301	251	330	209	243	228	9970
406	Conveyors: Fluid Current	780	76	57	69	57	58	25	22	51	35	42	31	49	65	68	48	30	21	33	28	27	30	1702
407	Cutters, for Shaping	455	36	47	76	61	70	39	26	40	49	77	83	84	72	39	77	81	63	73	58	65	77	1748
408	Cutting by Use of Rotating Axially Moving Tool	1087	110	117	141	125	111	129	105	83	101	150	170	95	130	86	104	60	81	121	105	82	89	3382
409	Gear Cutting, Milling, or Planing	849	112	105	97	88	82	87	71	66	91	108	117	115	91	106	97	87	86	97	120	82	63	2817
410	Freight Accommodation On Freight Carrier	472	49	39	62	42	29	39	52	47	38	61	71	97	89	80	95	103	80	98	78	83	72	1876
411	Expanded, Threaded, Driven, Headed, Tool-Deformed, or Locked-Threaded Fastener	1373	233	224	188	201	183	165	157	171	185	229	197	202	194	176	155	179	142	158	121	96	79	5008
412	Bookbinding: Process and Apparatus	120	13	21	28	28	22	23	22	16	26	20	25	37	26	26	22	19	13	8	9	13	15	552
413	Sheet Metal Container Making	147	14	7	10	13	8	8	1	6	10	11	16	7	3	7	10	12	8	7	4	6	1	316
414	Material or Article Handling	5051	441	491	537	454	435	453	465	478	410	452	482	572	406	464	434	391	290	301	238	225	245	13715
415	Rotary Kinetic Fluid Motors or Pumps	1674	206	170	144	235	244	219	186	234	167	189	189	275	301	380	384	329	363	396	337	285	299	7206
416	Fluid Reaction Surfaces (i.e., Impellers)	1490	162	109	105	155	192	168	158	168	139	131	160	236	238	287	223	212	189	256	269	237	255	5539
417	Pumps	3544	418	349	417	425	443	387	310	423	354	368	443	676	687	646	627	432	269	356	230	235	246	12285
418	Rotary Expansible Chamber Devices	1398	142	125	163	163	134	154	145	155	110	129	96	283	231	171	168	142	95	123	121	133	147	4528
419	Powder Metallurgy Processes	629	78	93	81	65	34	94	106	90	73	70	102	75	75	69	88	63	40	42	40	44	49	2100
420	Alloys or Metallic Compositions	1237	157	119	145	135	89	101	80	69	57	65	80	58	68	67	59	73	39	18	17	32	38	2803
422	Chemical Apparatus and Process Disinfecting,	3511	411	406	478	609	599	587	646	560	500	619	681	592	634	635	704	613	517	490	631	627	693	15743

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
	Deodorizing, Preserving, or Sterilizing																							
423	Chemistry of Inorganic Compounds	6815	581	521	547	567	541	486	426	409	386	428	494	477	496	484	492	439	378	498	369	410	537	16781
424	Drug, Bio-Affecting and Body Treating Compositions	5554	1086	1012	1124	1186	1264	1252	1340	1563	2451	2865	3112	2732	3120	3193	3031	2147	1707	2162	1875	1824	1826	47426
425	Plastic Article or Earthenware Shaping or Treating: Apparatus	4410	418	405	436	430	427	424	361	377	397	474	386	384	460	410	389	430	276	503	501	416	351	13065
426	Food or Edible Material: Processes, Compositions, and Products	5414	789	714	671	655	625	561	584	635	532	619	883	915	865	734	684	582	325	401	322	242	285	18037
427	Coating Processes	6214	676	602	724	749	695	830	781	782	873	966	1057	1090	961	1006	996	940	697	483	580	558	729	22989
428	Stock Material or Miscellaneous Articles	13470	1844	1799	1698	1952	1833	1916	1981	2202	2357	2782	2990	2772	2955	3110	3221	3224	2277	1960	1873	1609	1709	61534
429	Chemistry: Electrical Current Producing Apparatus, Product, and Process	3179	281	269	258	282	355	388	444	536	487	496	499	671	792	893	928	942	767	789	766	750	996	15768
430	Radiation Imagery Chemistry: Process, Composition, or Product Thereof	8448	1151	1180	1214	1049	1468	1588	1464	1429	1357	1653	1759	1817	1751	1628	1612	1518	1080	1329	1146	1108	1130	37879
431	Combustion	1882	172	168	135	168	159	156	182	166	130	191	256	234	196	171	187	181	169	103	77	57	101	5241
432	Heating	1630	115	124	100	88	80	61	48	53	71	112	136	100	107	88	101	59	48	38	32	41	30	3262
433	Dentistry	2144	261	209	332	309	264	296	211	262	261	442	400	366	455	336	266	240	243	317	257	170	105	8146
434	Education and Demonstration	1528	165	134	145	155	234	192	181	203	172	286	275	288	227	248	269	258	224	182	144	109	105	5724
435	Chemistry: Molecular Biology and Microbiology	5464	926	932	970	1248	1503	1423	1498	2078	2838	4007	3984	3447	3929	3530	3089	2679	2396	3122	2927	2681	2710	57381
436	Chemistry: Analytical and Immunological Testing	2157	271	204	229	289	342	290	317	323	319	455	464	364	408	439	438	408	338	314	394	418	428	9609
438	Semiconductor Device Manufacturing: Process	4244	618	603	802	893	1138	1233	1482	1406	1773	2298	3413	4483	5670	5475	5113	5119	4463	4799	4496	4526	4908	68955
439	Electrical Connectors	5993	913	928	943	987	938	949	935	994	1201	1312	1665	2243	2232	1972	1712	1991	1807	2291	1938	2177	2071	38192
440	Marine Propulsion	838	140	167	149	125	135	138	133	139	119	152	161	211	223	212	205	205	201	190	184	168	140	4335
441	Buoys, Rafts, and Aquatic Devices	560	88	75	63	72	63	94	81	75	82	94	85	94	92	82	90	82	78	101	85	65	51	2252
442	Fabric (Woven, Knitted, or Nonwoven Textile or Cloth, Etc.)	1284	190	140	118	139	174	169	176	167	178	217	222	222	170	116	171	198	105	101	109	127	145	4638
445	Electric Lamp or Space Discharge Component or Device Manufacturing	430	64	75	59	79	70	45	44	74	95	115	132	165	106	106	163	186	177	185	124	95	119	2708
446	Amusement Devices: Toys	1954	217	216	205	206	171	217	174	183	136	257	260	330	285	309	367	281	174	154	137	128	122	6483
449	Bee Culture	100	2	0	8	5	1	5	2	3	7	3	3	3	1	6	7	3	3	4	1	3	4	174
450	Foundation Garments	150	9	8	13	13	9	5	16	9	20	28	42	58	52	54	24	39	39	42	43	43	35	751
451	Abrading	2516	286	292	295	315	308	283	284	351	426	400	530	670	852	791	737	729	738	808	522	321	292	12746
452	Butchering	970	81	96	98	140	109	113	86	95	65	92	89	114	102	53	67	50	49	95	84	87	89	2824
453	Coin Handling	191	15	13	31	27	18	22	27	29	13	16	24	30	24	16	35	27	10	20	17	14	16	635
454	Ventilation	1028	110	107	120	144	119	134	114	116	134	177	149	171	197	176	176	161	129	114	79	72	99	3826
455	Telecommunications	2303	233	248	291	327	412	464	582	779	642	1199	1542	1875	1818	1772	1780	2170	2281	4071	3506	3131	3372	34798
460	Crop Threshing or Separating	276	22	32	23	25	18	23	32	37	18	33	34	30	33	41	31	44	42	38	33	26	34	925
462	Books, Strips, and Leaves for Manifoldng	97	10	13	5	18	20	14	12	3	2	2	3	3	5	5	1	1	0	1	1	2	0	218
463	Amusement Devices: Games	473	63	45	59	63	75	82	89	91	129	228	201	238	354	351	455	422	372	315	318	413	380	5216
464	Rotary Shafts, Gudgeons, Housings, and Flexible Couplings for Rotary Shafts	1005	96	89	74	89	93	107	74	95	114	148	105	117	233	135	103	124	94	123	87	103	81	3289
470	Threaded, Headed Fastener, or Washer Making: Process and Apparatus	156	2	3	8	7	13	6	6	7	16	18	15	12	12	10	13	13	8	14	6	16	6	367
472	Amusement Devices	264	46	44	30	33	45	36	44	51	44	69	55	56	45	57	52	56	56	37	30	36	25	1211
473	Games Using Tangible Projectile	2460	390	408	458	468	445	582	617	582	578	795	638	562	597	627	666	610	583	718	640	534	546	14504
474	Endless Belt Power Transmission Systems or Components	1309	205	187	170	135	188	165	156	103	129	149	138	186	137	194	171	130	127	168	128	92	82	4449
475	Planetary Gear Transmission Systems or Components	1123	171	140	164	177	147	138	141	160	173	168	260	213	144	214	311	303	237	311	342	280	297	5614
476	Friction Gear Transmission Systems or Components	110	6	16	18	13	13	12	12	22	16	13	25	38	35	36	36	25	30	32	29	21	15	573
477	Interrelated Power Delivery Controls, Including Engine Control	1033	159	128	210	177	98	83	138	144	181	204	212	202	147	181	216	162	169	158	184	170	183	4539

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
482	Exercise Devices	1711	287	295	311	298	310	358	326	370	396	451	411	415	371	351	372	364	283	460	349	360	459	9308
483	Tool Changing	299	49	29	26	30	34	33	30	12	28	30	39	36	22	36	22	21	15	27	30	28	21	897
492	Roll or Roller	247	43	26	26	35	26	18	31	22	31	52	38	28	43	46	38	34	27	15	17	12	18	873
493	Manufacturing Container or Tube From Paper; or Other Manufacturing From a Sheet or Web	1237	120	95	147	180	135	97	95	114	89	154	149	171	137	88	151	147	120	103	86	136	93	3844
494	Imperforate Bowl: Centrifugal Separators	533	35	42	31	26	38	48	30	51	37	49	53	50	47	48	57	49	41	54	33	37	29	1418
501	Compositions: Ceramic	1570	279	256	386	323	323	316	235	226	216	211	241	207	228	229	227	195	158	180	149	136	190	6481
502	Catalyst, Solid Sorbent, or Support Therefor: Product or Process of Making	4474	411	407	464	521	447	358	317	313	283	369	389	478	414	437	401	385	365	346	337	283	371	12570
503	Record Receiver Having Plural Interactive Leaves or a Colorless Color Former, Method of Use, or Developer Therefor	640	145	153	152	179	182	207	145	121	115	112	125	83	79	56	55	67	49	57	44	40	32	2838
504	Plant Protecting and Regulating Compositions	3100	335	336	264	273	241	201	203	230	265	227	233	229	215	210	168	128	113	86	56	46	56	7215
505	Superconductor Technology: Apparatus, Material, Process	5	55	164	254	275	263	211	155	130	93	87	107	75	62	54	52	42	28	23	20	14	33	2202
506	Combinatorial Chemistry Technology: Method, Library, Apparatus	2	0	1	2	2	4	5	10	34	42	94	94	123	125	146	192	101	71	0	0	23	28	1099
507	Earth Boring, Well Treating, and Oil Field Chemistry	783	45	45	67	64	44	35	35	36	74	64	60	59	65	44	69	83	50	69	75	66	118	2050
508	Solid Anti-Friction Devices, Materials Therefor, Lubricant or Separant Compositions for Moving Solid Surfaces, and Miscellaneous Mineral Oil Compositions	1784	193	179	192	184	201	220	188	196	179	203	183	188	210	156	176	130	70	60	68	76	100	5136
510	Cleaning Compositions for Solid Surfaces, Auxiliary Compositions Therefor, or Processes of Preparing the Compositions	2192	297	223	261	233	236	256	350	370	348	556	618	522	592	618	544	436	310	367	273	274	296	10172
512	Perfume Compositions	414	24	32	27	27	30	35	18	28	19	23	14	30	27	23	27	21	16	30	34	18	22	939
514	Drug, Bio-Affecting and Body Treating Compositions	19017	2537	2366	2557	2416	2602	2149	2553	2990	3681	3940	4068	4017	4194	4362	3939	3052	2784	3406	3220	2984	3488	86322
516	Colloid Systems and Wetting Agents; Subcombinations Thereof; Processes Of	548	36	48	52	88	55	67	47	58	71	67	62	72	72	71	75	35	18	36	37	31	55	1701
518	Chemistry: Fischer-Tropsch Processes; or Purification or Recovery of Products Thereof	380	20	16	15	17	14	8	17	14	8	23	25	38	46	40	52	58	43	61	36	34	20	985
521	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	2814	215	206	222	302	267	231	213	210	228	268	217	248	241	237	237	190	115	85	85	56	67	6954
522	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	622	61	57	83	82	69	69	102	95	82	122	119	128	123	132	115	102	91	117	97	73	87	2628
523	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	2799	198	209	266	237	280	283	235	262	230	297	375	378	341	305	261	223	158	204	170	183	197	8091
524	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	7850	664	601	828	859	888	910	768	806	725	823	996	874	938	938	914	855	549	581	566	481	553	23967
525	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	6287	818	769	809	893	1057	1077	756	766	661	706	652	713	770	765	696	600	469	510	467	366	365	20972
526	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	3015	285	294	365	398	442	355	367	343	379	412	321	414	652	624	657	560	402	429	331	305	303	11653
527	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	107	12	9	18	15	15	6	6	4	8	13	7	5	4	3	3	2	4	4	0	3	2	250
528	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	5022	588	724	732	796	718	660	552	525	596	646	603	591	637	595	515	506	348	528	369	304	354	16909
530	Chemistry: Natural Resins or Derivatives; Peptides or Proteins; Lignins or Reaction Products Thereof	1825	228	188	284	359	361	300	294	340	542	721	712	551	602	567	534	466	443	737	867	881	749	12551
534	Organic Compounds -- Part of the Class 532-570 Series	1121	86	116	111	92	102	89	82	115	84	110	77	61	53	53	40	39	31	55	28	30	22	2597
536	Organic Compounds -- Part of the Class 532-570 Series	1475	189	245	223	231	217	196	342	383	498	656	584	466	555	562	535	452	402	556	480	525	552	10324
540	Organic Compounds -- Part of the Class 532-570 Series	2465	155	170	137	139	174	134	158	198	187	168	157	126	131	136	91	70	70	117	71	91	94	5239

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
544	Organic Compounds -- Part of the Class 532-570 Series	2693	234	220	198	218	226	173	197	203	208	241	229	210	219	247	186	159	153	256	193	158	198	7019
546	Organic Compounds -- Part of the Class 532-570 Series	2553	215	223	188	219	247	224	233	218	269	214	257	236	231	265	256	192	207	271	233	292	381	7624
548	Organic Compounds -- Part of the Class 532-570 Series	3070	273	318	271	283	315	282	289	308	267	270	321	282	272	292	231	161	167	232	217	242	294	8657
549	Organic Compounds -- Part of the Class 532-570 Series	3154	286	249	249	279	319	264	237	234	274	244	280	284	244	328	230	222	170	196	155	169	206	8273
552	Organic Compounds -- Part of the Class 532-570 Series	795	53	49	42	59	40	37	46	49	40	40	47	34	39	53	29	27	22	22	17	11	9	1560
554	Organic Compounds -- Part of the Class 532-570 Series	846	48	46	46	68	79	74	89	63	49	75	98	71	110	113	70	64	56	60	35	30	91	2281
556	Organic Compounds -- Part of the Class 532-570 Series	1389	133	152	237	228	226	184	158	190	179	150	212	194	218	201	141	126	103	152	139	119	108	4939
558	Organic Compounds -- Part of the Class 532-570 Series	1991	169	149	128	161	175	121	136	129	128	148	135	134	130	137	111	93	62	81	62	67	87	4534
560	Organic Compounds -- Part of the Class 532-570 Series	3109	258	235	221	249	302	217	181	171	194	223	190	191	203	261	201	165	142	173	150	174	134	7344
562	Organic Compounds -- Part of the Class 532-570 Series	2478	204	207	196	210	242	195	166	149	156	215	206	196	189	231	202	169	133	179	165	220	172	6480
564	Organic Compounds -- Part of the Class 532-570 Series	2081	179	196	239	205	188	182	181	142	195	213	202	213	202	242	167	157	147	187	206	230	190	6144
568	Organic Compounds -- Part of the Class 532-570 Series	4337	310	339	358	354	344	321	307	209	233	378	308	276	390	392	293	251	223	287	241	234	201	10586
570	Organic Compounds -- Part of the Class 532-570 Series	546	97	77	74	90	81	81	87	68	71	113	80	79	99	69	40	44	41	63	52	41	32	2025
585	Chemistry of Hydrocarbon Compounds	2413	224	264	318	238	295	253	231	204	171	245	269	231	224	250	170	159	149	163	224	243	231	7169
588	Hazardous or Toxic Waste Destruction or Containment	540	43	39	17	31	49	71	91	109	81	86	71	60	50	60	46	15	20	28	22	20	28	1577
600	Surgery	4492	800	738	814	828	941	1092	1089	1011	1049	1641	1548	1776	1767	1937	2123	1581	1204	1327	1218	1105	1308	31389
601	Surgery: Kinesitherapy	699	118	127	129	124	102	78	103	91	84	141	92	101	153	118	122	105	87	122	125	111	92	3024
602	Surgery: Splint, Brace, or Bandage	940	113	128	169	125	111	133	187	134	139	235	212	225	185	153	185	149	159	176	132	115	149	4254
604	Surgery	4702	793	819	839	966	980	1288	1189	1088	1094	1481	1353	1191	1247	1262	1717	1151	872	853	737	750	908	27280
606	Surgery	2441	376	421	537	613	666	836	881	923	1227	1466	1583	1602	1434	1245	1625	1128	904	1071	986	768	1011	23744
607	Surgery: Light, Thermal, and Electrical Application	1355	177	217	211	225	252	341	354	330	322	524	458	517	569	579	609	532	512	699	703	475	609	10570
623	Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor	1358	240	277	242	304	217	282	233	348	347	452	512	609	724	708	773	721	523	635	541	453	614	11113
700	Data Processing: Generic Control Systems or Specific Applications	2005	404	306	339	320	389	450	376	461	350	662	539	467	662	843	1022	1127	998	1304	971	899	853	15747
701	Data Processing: Vehicles, Navigation, and Relative Location	1347	357	333	391	288	294	329	416	430	330	511	681	824	1251	1266	1195	1209	1175	1081	1137	1147	1205	17197
702	Data Processing: Measuring, Calibrating, or Testing	1351	305	259	236	182	224	287	217	367	347	519	511	517	571	951	1288	1510	1482	1704	1514	1406	1302	17050
703	Data Processing: Structural Design, Modeling, Simulation, and Emulation	148	47	44	62	50	56	91	111	155	224	297	300	286	273	180	167	263	372	642	478	508	563	5317
704	Data Processing: Speech Signal Processing, Linguistics, Language Translation, and Audio Compression/Decompression	713	178	165	160	160	187	187	157	210	366	611	628	534	610	572	427	531	426	855	768	805	765	10015
705	Data Processing: Financial, Business Practice, Management, or Cost/Price Determination	497	128	100	95	89	164	171	119	155	247	491	718	729	480	451	431	312	775	1260	1168	1691	1960	12231
706	Data Processing: Artificial Intelligence	44	41	75	62	120	171	153	181	163	202	306	128	130	155	168	250	157	206	244	203	349	473	3981
707	Data Processing: Database and File Management or Data Structures	185	57	54	57	88	150	178	257	365	421	967	1041	904	1005	1334	1409	1494	1234	1892	1758	1964	2876	19690
708	Electrical Computers: Arithmetic Processing and Calculating	1772	351	246	244	249	301	275	236	277	261	386	402	297	291	255	257	286	230	362	236	303	283	7800
709	Electrical Computers and Digital Processing Systems: Multicomputer Data Transferring	206	38	49	55	82	111	129	162	330	305	941	1004	1152	1138	1232	1165	1566	1571	2415	2341	2676	3291	21959

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
710	Electrical Computers and Digital Data Processing Systems: Input/Output	1134	176	157	163	219	288	335	358	580	641	1009	1060	1012	907	864	979	1263	954	1143	812	914	1093	16061
711	Electrical Computers and Digital Processing Systems: Memory	1081	163	152	137	217	257	359	404	566	576	856	847	892	1007	1176	1257	1315	1289	1726	1467	1734	1605	19083
712	Electrical Computers and Digital Processing Systems: Processing Architectures and Instruction Processing (e.g., Processors)	716	125	122	114	162	150	178	258	357	402	666	667	490	502	372	309	371	336	375	351	424	408	7855
713	Electrical Computers and Digital Processing Systems: Support	314	67	69	74	95	142	174	241	286	337	584	580	532	604	566	677	824	979	1643	1644	1854	1871	14157
714	Error Detection/Correction and Fault Detection/Recovery	2050	355	299	283	361	377	488	664	756	708	1069	1041	986	982	956	1268	1266	1173	1777	1878	1948	2095	22780
715	Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing	288	89	83	80	127	147	210	263	371	428	690	705	670	676	637	634	617	732	1026	1014	1020	1341	11848
716	Data Processing: Design and Analysis of Circuit or Semiconductor Mask	92	43	38	33	43	73	87	129	188	191	269	246	235	405	545	803	644	605	932	804	874	792	8071
717	Data Processing: Software Development, Installation, and Management	50	20	16	16	33	53	96	117	126	128	308	406	372	507	334	343	416	467	752	707	707	829	6803
718	Electrical Computers and Digital Processing Systems: Virtual Machine Task or Process Management or Task Management/Control	113	21	23	20	37	46	83	88	57	79	105	97	102	123	113	118	179	180	255	187	219	261	2506
719	Electrical Computers and Digital Processing Systems: Interprogram Communication or Interprocess Communication (Ipc)	13	1	4	6	11	18	33	52	58	56	107	90	91	159	147	120	242	234	288	177	330	361	2598
720	Dynamic Optical Information Storage or Retrieval	204	59	28	65	81	62	47	41	86	77	133	152	100	164	185	171	200	221	270	233	257	198	3034
725	Interactive Video Distribution Systems	242	28	33	37	38	47	66	72	165	153	254	241	175	203	165	206	225	171	354	261	231	493	3860
726	Information Security	29	7	17	10	13	15	23	20	43	55	113	190	218	206	137	135	222	227	505	613	708	984	4490
800	Multicellular Living Organisms and Unmodified Parts Thereof and Related Processes	78	18	12	26	41	33	90	86	235	266	453	579	547	571	464	447	535	459	687	802	685	841	7955
850	Scanning-Probe Techniques or Apparatus; Applications of Scanning-Probe Techniques, e.g., Scanning Probe Microscopy [Spm]	48	26	30	50	47	31	35	33	27	25	32	27	26	31	35	72	84	79	3	0	0	12	753
SUBTOTAL	UTILITY CLASSES	797907	96011	90877	96918	97921	98815	102109	101855	110032	112338	147876	153984	158119	166584	167832	169475	164607	144070	174316	157812	158424	167801	3635683
D00	** Design Classification Undetermined **	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	4
D01	Edible Products	132	17	34	58	79	50	35	35	54	42	46	47	61	60	39	36	121	85	121	53	62	145	1412
D02	Apparel and Haberdashery	1542	223	233	272	344	447	426	316	343	499	706	587	494	489	486	528	583	489	889	969	1122	914	12901
D03	Travel Goods and Personal Belongings	1650	130	279	322	282	330	339	340	357	369	443	492	484	530	507	487	463	415	631	641	624	600	10715
D04	Brushware	399	39	68	74	74	111	87	138	120	99	127	113	161	175	247	184	122	146	178	137	213	156	3168
D05	Textile or Paper Yard Goods; Sheet Material	192	26	12	23	9	13	7	30	22	33	45	45	80	72	46	39	68	86	88	75	68	61	1140
D06	Furnishings	6375	507	649	833	872	1242	1012	1310	1339	1112	1472	1480	1713	1828	1586	1565	1536	1174	1620	2098	1914	1749	34986
D07	Equipment for Preparing or Serving Food or Drink Not Elsewhere Specified	3582	354	434	421	446	607	601	558	725	577	744	767	964	1012	791	990	895	725	1145	1415	1452	1181	20386
D08	Tools and Hardware	3479	449	520	609	695	740	747	754	755	748	1012	990	1236	993	943	1117	1047	793	1399	1567	1673	1274	23540
D09	Packages and Containers for Goods	2847	228	467	529	410	476	499	518	484	537	655	689	869	864	712	900	669	725	1122	1406	1355	1430	18391
D10	Measuring, Testing, or Signalling Instruments	2415	245	380	572	476	510	584	692	470	522	695	656	646	708	607	495	524	494	677	750	927	729	14774
D11	Jewelry, Symbolic Insignia, and Ornaments	1762	167	180	246	218	308	286	380	333	376	411	338	349	431	382	372	371	333	462	468	537	479	9189
D12	Transportation	3285	437	547	558	539	664	661	593	680	799	1023	939	1187	1067	1062	1081	1275	953	1440	1482	1619	1736	23627
D13	Equipment for Production, Distribution, or Transformation of Energy	1088	146	221	330	319	268	300	303	285	281	443	593	624	551	634	674	538	574	998	1074	1337	1329	12910
D14	Recording, Communication, or Information Retrieval Equipment	3776	519	728	792	657	865	946	1001	1000	980	1243	1312	1561	1361	1418	1709	1708	1266	2373	2798	3325	3081	34419
D15	Machines Not Elsewhere Specified	1693	153	217	143	266	283	220	303	239	220	318	314	404	387	410	400	416	324	609	656	590	563	9128
D16	Photography and Optical Equipment	937	73	160	167	186	176	212	203	262	241	392	344	434	350	278	407	303	293	393	692	577	452	7532
D17	Musical Instruments	371	20	68	81	46	41	64	38	33	39	55	61	33	43	42	49	36	46	64	60	104	61	1455

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
D18	Printing and Office Machinery	1341	123	208	280	180	208	185	208	214	203	199	199	272	276	205	227	187	154	445	408	288	264	6274
D19	Office Supplies; Artists` and Teachers` Materials	1175	134	193	246	268	281	219	288	177	226	308	340	374	381	333	345	392	328	341	448	586	400	7783
D20	Sales and Advertising Equipment	462	29	83	104	74	107	125	102	73	137	160	121	171	135	91	163	121	110	115	127	121	144	2875
D21	Games, Toys, and Sports Goods	4641	528	581	761	700	670	860	878	729	742	1017	921	1025	881	746	782	695	600	993	977	1073	884	21684
D22	Arms, Pyrotechnics, Hunting and Fishing Equipment	947	153	93	88	146	129	159	165	187	131	165	180	174	154	160	180	148	145	191	179	176	221	4271
D23	Environmental Heating and Cooling; Fluid Handling and Sanitary Equipment	2860	249	391	593	523	440	564	564	529	548	784	819	987	906	966	919	832	789	1557	1342	1445	1266	19873
D24	Medical and Laboratory Equipment	2677	303	258	367	423	432	479	512	484	454	523	575	673	760	598	698	572	352	554	963	1041	1037	14735
D25	Building Units and Construction Elements	1268	165	149	149	147	236	249	258	255	292	306	340	376	380	406	350	344	310	305	427	458	434	7604
D26	Lighting	1389	198	199	306	281	259	356	375	464	430	531	543	804	920	705	772	672	491	859	1163	1322	1178	14217
D27	Tobacco and Smokers' Supplies	355	16	23	25	8	17	31	31	38	38	79	87	60	76	86	62	72	59	106	117	74	63	1523
D28	Cosmetic Products and Toilet Articles	1033	152	241	147	103	127	199	147	152	159	197	211	388	334	255	274	256	188	294	316	330	287	5790
D29	Equipment for Safety, Protection, and Rescue	283	28	58	46	50	66	76	93	90	77	68	86	85	82	105	71	97	62	124	149	155	149	2100
D30	Animal Husbandry	579	46	60	89	93	124	130	123	128	125	105	107	184	116	114	121	108	131	166	189	213	174	3225
D32	Washing, Cleaning, or Drying Machine	804	99	157	174	110	130	187	191	176	194	211	193	287	260	256	286	251	171	404	505	473	379	5898
D34	Material or Article Handling Equipment	688	110	110	140	201	217	205	196	170	130	215	190	183	200	194	208	170	94	254	377	278	268	4798
D99	Miscellaneous	249	26	24	24	44	59	46	70	44	55	69	61	73	96	48	88	104	50	55	38	48	34	1405
SUBTOTAL	DESIGN CLASSES	56276	6092	8025	9569	9269	10633	11096	11713	11411	11415	14767	14740	17416	16878	15458	16579	15696	12955	20972	24069	25580	23123	363732
PLT	Plants	2493	587	318	353	321	442	499	387	362	394	561	421	548	584	1133	994	1016	716	1149	1047	1240	1009	16574
SUBTOTAL	PLANT CLASSES	2493	587	318	353	321	442	499	387	362	394	561	421	548	584	1133	994	1016	716	1149	1047	1240	1009	16574
TOTAL	ALL CLASSES	856676	102690	99220	106840	107511	109890	113704	113955	121805	124147	163204	169145	176083	184046	184423	187048	181319	157741	196437	182928	185244	191933	4015989

Patent Counts By Class By Year  
PART A1  
Granted: 01/01/1977 - 12/31/2009  
A Patent Technology Monitoring Team Report

**Part A1-2.**  
**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

Table A1-2, Breakout by U.S. Patent Classification System Class  
Patent Counts Distributed by Year of Patent Grant  
Patents Granted: 01/01/1977 - 12/31/2009

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
001	** Classification Undetermined **	4	0	0	0	1	0	1	1	0	0	1	0	0	0	0	0	1	9	7	17	7	10	59
002	Apparel	3039	414	384	572	484	380	425	474	570	602	723	806	749	703	655	494	565	493	531	376	317	299	14055
004	Baths, Closets, Sinks, and Spittoons	2807	349	380	409	341	389	419	338	312	331	418	538	454	479	514	433	406	322	309	267	216	180	10611
005	Beds	3041	418	444	467	468	400	394	412	488	446	504	483	522	502	470	492	522	502	484	346	416	396	12617
007	Compound Tools	431	64	55	68	49	73	64	53	62	62	72	84	96	101	72	76	89	73	85	71	50	33	1883
008	Bleaching and Dyeing; Fluid Treatment and Chemical Modification of Textiles and Fibers	4156	419	378	387	310	352	325	337	377	275	394	457	381	334	311	387	321	219	298	303	263	236	11220
012	Boot and Shoe Making	434	28	32	19	17	24	21	17	15	24	29	33	20	22	19	23	19	23	23	14	21	12	889
014	Bridges	482	47	45	56	48	37	47	64	59	58	59	61	65	45	73	62	73	55	65	53	46	55	1655
015	Brushing, Scrubbing, and General Cleaning	5694	703	622	720	636	621	716	688	687	644	878	986	983	892	778	829	693	546	540	596	565	570	20587
016	Miscellaneous Hardware (e.g., Bushing, Carpet Fastener, Caster, Door Closer, Panel Hanger, Attachable or Adjunct Handle, Hinge, Window Sash Balance, Etc.)	2950	413	271	338	284	326	301	327	398	339	450	427	436	411	515	494	427	389	413	351	338	384	10982
019	Textiles: Fiber Preparation	991	107	125	151	89	72	93	99	84	77	72	72	87	109	69	53	36	27	39	27	39	41	2559
023	Chemistry: Physical Processes	629	41	35	45	62	37	52	38	34	28	38	31	38	33	32	30	17	25	18	17	15	29	1324
024	Buckles, Buttons, Clasps, Etc.	4839	542	565	547	496	468	522	483	517	580	599	589	563	600	652	610	459	352	451	410	421	377	15642
026	Textiles: Cloth Finishing	455	50	45	37	37	25	21	42	36	29	35	39	30	24	22	24	16	13	9	14	7	7	1017
027	Undertaking	116	15	16	15	16	16	17	23	19	37	33	30	30	32	18	32	19	14	15	42	35	24	614
028	Textiles: Manufacturing	1294	109	123	91	112	90	118	120	81	94	106	99	131	95	86	83	94	54	65	68	52	44	3209
029	Metal Working	17331	2143	1755	2011	1944	1970	1878	1700	1757	1823	2170	2151	2362	2525	2542	2644	2522	2198	2514	2105	1752	1838	61635
030	Cutlery	3551	443	396	505	382	337	362	358	374	362	438	475	471	431	409	432	392	332	338	298	228	248	11562
033	Geometrical Instruments	5175	493	559	565	536	429	418	481	433	363	446	408	493	514	595	577	546	534	530	519	517	500	15631
034	Drying and Gas or Vapor Contact with Solids	3591	278	287	301	333	356	319	292	357	326	361	424	467	356	361	285	299	264	286	173	208	128	10052
036	Boots, Shoes, and Leggings	1837	236	243	183	157	183	203	225	197	236	344	352	307	283	266	247	272	235	257	203	242	224	6932
037	Excavating	1568	156	139	145	147	128	94	133	152	129	165	186	211	182	208	168	167	161	153	101	79	160	4732
038	Textiles: Ironing or Smoothing	416	46	45	54	42	26	50	43	48	54	48	55	55	41	46	38	47	30	46	41	32	32	1335
040	Card, Picture, or Sign Exhibiting	3644	463	394	464	371	404	445	456	421	434	506	556	612	561	573	570	501	389	352	380	351	330	13177
042	Firearms	1341	164	160	191	127	135	163	178	159	186	203	183	124	213	241	252	207	159	162	175	187	189	5099
043	Fishing, Trapping, and Vermin Destroying	2619	470	334	291	314	326	331	251	317	219	235	411	355	289	308	350	274	232	215	184	173	172	8670
044	Fuel and Related Compositions	2146	170	111	139	123	136	143	129	147	107	132	152	169	146	115	143	108	76	53	83	89	109	4726
047	Plant Husbandry	2036	221	235	244	241	226	273	272	345	296	469	325	351	305	306	283	186	159	157	124	97	141	7292
048	Gas: Heating and Illuminating	1725	128	91	52	49	55	48	69	46	61	67	71	57	57	40	46	72	63	87	112	111	146	3253
049	Movable or Removable Closures	3321	405	366	390	316	315	334	344	395	336	378	439	495	430	425	392	377	362	380	257	230	263	10950
051	Abrasive Tool Making Process, Material, or Composition	715	74	97	96	133	136	122	100	124	153	96	126	104	145	159	145	139	106	91	102	90	80	3133
052	Static Structures (e.g., Buildings)	11128	1205	1146	1098	985	1009	1046	1007	1203	1201	1467	1416	1471	1598	1488	1297	1202	1025	902	733	670	921	35218
053	Package Making	4839	546	536	568	498	467	421	564	549	598	763	608	641	574	543	620	594	508	469	368	508	419	16201

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
054	Harness for Working Animal	191	20	18	30	36	22	26	24	18	17	36	23	42	32	46	50	40	24	38	38	31	30	832
055	Gas Separation	3796	396	365	356	438	395	285	318	330	354	451	441	421	464	449	467	478	376	385	381	453	496	12295
056	Harvesters	2920	261	325	283	243	226	226	263	218	167	280	308	299	247	273	257	246	246	221	171	210	210	8100
057	Textiles: Spinning, Twisting, and Twining	2704	237	225	139	198	173	213	188	178	177	214	158	153	175	134	104	118	79	95	68	79	60	5869
059	Chain, Staple, and Horseshoe Making	399	34	32	28	29	32	39	32	17	33	38	37	36	53	44	39	34	47	53	37	46	42	1181
060	Power Plants	9660	864	772	802	950	917	921	888	781	757	1019	997	1032	1331	1298	1226	1256	1269	1431	1058	1021	1234	31484
062	Refrigeration	7144	749	770	779	789	914	887	855	864	870	1030	1141	1154	1292	1347	1293	1073	891	1025	1017	783	666	27333
063	Jewelry	410	46	48	54	64	56	46	58	62	75	69	53	67	63	82	79	62	40	69	54	53	36	1646
065	Glass Manufacturing	3853	381	320	311	343	277	263	174	203	298	343	357	277	324	313	346	342	226	257	184	172	171	9735
066	Textiles: Knitting	1298	116	51	111	96	100	105	111	123	88	101	106	167	152	82	88	89	99	95	76	64	83	3401
068	Textiles: Fluid Treating Apparatus	1334	141	117	115	102	144	124	132	136	127	193	200	152	114	143	147	82	74	78	109	140	159	4063
069	Leather Manufactures	140	7	5	10	3	2	3	5	5	4	6	4	2	2	2	2	5	7	0	2	2	5	223
070	Locks	2837	364	338	352	280	303	270	311	319	343	462	457	391	323	427	420	333	328	328	277	285	249	9997
071	Chemistry: Fertilizers	999	80	60	68	94	73	78	93	75	100	89	87	64	97	112	70	60	46	37	32	33	40	2487
072	Metal Deforming	6416	616	572	589	512	483	478	406	497	541	665	685	626	649	538	534	506	412	615	503	417	376	17636
073	Measuring and Testing	18927	2261	2059	2057	1932	1931	2113	2050	2219	2018	2458	2356	2305	2492	2636	3065	2764	2763	2933	2749	2760	2557	69405
074	Machine Element or Mechanism	10687	1272	1063	1061	1049	1093	867	816	1000	910	1198	1191	1172	1153	1126	989	894	772	830	755	675	732	31305
075	Specialized Metallurgical Processes, Compositions for Use Therein, Consolidated Metal Powder Compositions, and Loose Metal Particulate Mixtures	4088	376	389	350	341	339	364	367	261	247	319	375	322	381	393	319	263	192	162	181	181	265	10475
076	Metal Tools and Implements, Making	775	83	50	82	83	69	58	68	56	66	61	76	71	58	52	64	42	28	41	37	31	37	1988
079	Button Making	6	0	0	0	0	1	2	0	0	0	0	1	1	0	3	1	1	1	2	0	0	2	21
081	Tools	2680	353	316	345	301	307	305	250	310	263	325	410	494	545	423	351	368	420	523	417	281	196	10183
082	Turning	1403	128	111	144	130	119	98	68	89	101	127	124	112	122	91	167	94	72	85	82	66	75	3608
083	Cutting	5738	493	516	566	563	504	469	424	373	376	523	576	562	497	394	481	526	376	472	349	265	270	15313
084	Music	3103	264	277	291	297	354	348	398	393	344	428	506	444	410	360	328	322	290	379	434	472	526	10968
086	Ammunition and Explosive-Charge Making	312	34	25	27	33	26	32	30	17	25	34	21	20	24	32	29	17	25	23	20	22	29	857
087	Textiles: Braiding, Netting, and Lace Making	161	19	25	24	13	17	24	17	15	15	23	26	13	13	16	12	9	3	15	15	7	5	487
089	Ordnance	1992	207	253	225	236	199	193	197	141	192	200	183	129	211	205	203	206	180	168	183	217	252	6172
091	Motors: Expansible Chamber Type	3924	331	270	288	316	299	253	214	230	194	253	239	210	219	224	198	206	151	159	173	124	105	8580
092	Expansible Chamber Devices	3203	356	278	356	272	290	226	234	224	220	287	291	246	310	314	280	234	206	214	216	173	135	8565
095	Gas Separation: Processes	2434	275	261	281	358	320	243	270	288	302	362	383	368	394	403	448	347	288	307	299	374	373	9378
096	Gas Separation: Apparatus	3292	352	348	355	386	325	264	240	298	329	394	432	416	424	467	464	431	343	346	374	438	443	11161
099	Foods and Beverages: Apparatus	3607	464	438	400	391	427	451	493	465	489	530	608	567	561	452	441	404	317	366	274	294	247	12686
100	Presses	2985	266	256	275	309	272	266	253	224	228	286	224	210	204	188	226	207	164	209	151	190	134	7727
101	Printing	4934	484	430	477	487	463	472	477	478	497	724	609	587	544	610	718	804	489	491	300	286	248	15609
102	Ammunition and Explosives	2696	306	300	358	276	279	259	268	221	227	241	208	187	312	279	301	216	201	201	171	197	193	7897
104	Railways	1743	176	175	154	173	150	123	152	143	160	128	107	120	144	172	153	115	82	84	78	96	108	4536
105	Railway Rolling Stock	1745	144	126	130	126	120	113	124	122	123	134	95	111	152	137	117	79	93	83	72	77	72	4095
106	Compositions: Coating or Plastic	7875	658	565	728	772	790	916	796	782	777	1024	1005	889	911	977	1011	944	634	694	716	644	613	24721
108	Horizontally Supported Planar Surfaces	2195	297	238	211	247	198	279	281	296	299	342	330	375	306	306	289	276	211	214	166	155	173	7684
109	Safes, Bank Protection, or a Related Device	485	55	46	45	30	36	35	39	27	41	53	44	30	25	37	31	27	26	27	26	28	27	1220
110	Furnaces	2633	262	255	253	224	268	264	185	209	199	243	181	179	190	147	98	120	111	79	56	65	79	6300
111	Planting	770	38	61	51	51	40	57	61	74	64	60	87	82	99	67	82	74	66	69	65	71	72	2161
112	Sewing	2828	224	189	241	195	198	161	184	226	201	236	214	185	179	109	89	132	112	112	89	94	80	6278
114	Ships	3980	441	421	435	370	377	379	368	374	357	388	412	487	456	407	439	394	431	449	389	353	295	12402
116	Signals and Indicators	2210	224	215	233	175	201	205	182	192	195	206	224	208	215	211	196	193	153	180	137	154	169	6278
117	Single-Crystal, Oriented-Crystal, and Epitaxy Growth Processes; Non-Coating Apparatus Therefor	1360	153	152	151	203	219	236	278	222	212	280	317	324	274	270	283	269	240	245	293	296	235	6512
118	Coating Apparatus	5500	630	591	654	665	692	677	665	709	722	868	961	1200	1211	1127	1063	935	755	659	525	570	589	21968

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119	Animal Husbandry	2505	265	311	391	399	341	355	313	348	362	553	501	469	447	540	532	396	407	442	381	285	308	10851
122	Liquid Heaters and Vaporizers	2197	231	199	155	134	145	185	123	128	107	164	154	143	143	123	118	102	97	82	63	82	80	4955
123	Internal-Combustion Engines	14321	1445	1490	1526	1472	1400	1136	1124	1352	1381	1629	1622	1810	2246	2247	2240	2241	2114	2316	2042	1889	1505	50548
124	Mechanical Guns and Projectors	944	135	121	116	125	127	128	148	136	160	137	135	124	108	118	161	179	110	109	122	115	113	3671
125	Stone Working	526	58	68	56	56	49	38	42	45	54	66	64	101	98	97	83	74	79	88	52	48	34	1876
126	Stoves and Furnaces	6950	418	391	335	306	340	350	331	331	305	391	513	466	386	323	329	319	298	214	157	135	161	13749
127	Sugar, Starch, and Carbohydrates	616	56	38	54	55	44	51	54	50	40	56	74	39	44	59	34	34	26	25	18	11	16	1494
128	Surgery	4307	682	646	760	686	741	866	873	938	954	1213	1059	1139	1035	1090	1247	1062	879	1020	837	673	647	23354
131	Tobacco	2022	170	180	183	185	118	108	111	116	116	163	107	123	79	85	88	109	56	45	65	41	55	4325
132	Toilet	1325	177	175	205	177	154	208	152	206	219	313	405	306	258	218	211	147	109	160	186	135	122	5568
134	Cleaning and Liquid Contact with Solids	3711	493	425	550	534	530	570	613	615	610	781	922	816	850	895	920	712	563	533	495	476	500	17114
135	Tent, Canopy, Umbrella, or Cane	851	167	126	129	119	151	181	149	171	179	198	181	196	251	204	168	189	149	143	161	140	162	4365
136	Batteries: Thermoelectric and Photoelectric	2368	204	152	172	166	164	154	176	170	134	139	177	235	275	254	223	177	116	107	126	116	161	5966
137	Fluid Handling	13752	1427	1299	1268	1268	1242	1242	1067	1034	1006	1305	1465	1489	1607	1243	1200	1159	1173	1168	866	754	745	38779
138	Pipes and Tubular Conduits	4243	375	321	338	257	268	319	335	286	278	361	458	467	423	378	362	326	296	283	201	194	253	11022
139	Textiles: Weaving	1818	173	167	177	189	165	173	177	146	137	155	136	179	188	127	64	109	112	129	67	71	92	4751
140	Wireworking	874	57	65	50	64	48	49	53	60	62	65	69	53	50	36	49	37	35	54	41	36	18	1925
141	Fluent Material Handling, with Receiver or Receiver Coacting Means	3066	372	325	332	332	348	381	344	370	319	407	487	442	478	452	424	485	391	376	318	225	232	10906
142	Wood Turning	57	1	7	8	6	5	4	4	5	6	4	10	8	4	0	5	2	0	3	2	0	2	143
144	Woodworking	2020	198	188	200	204	140	167	157	132	154	177	230	199	188	174	187	152	121	170	125	111	103	5497
147	Coopering	6	1	0	0	0	0	0	2	0	2	1	0	0	4	2	0	0	1	0	0	0	0	19
148	Metal Treatment	6144	794	766	858	937	969	935	924	791	737	777	777	704	770	752	757	601	387	348	302	334	379	20743
149	Explosive and Thermic Compositions or Charges	1117	75	92	104	54	60	45	101	123	78	87	61	101	99	68	97	59	77	35	7	17	20	2577
150	Purses, Wallets, and Protective Covers	303	66	84	80	67	66	65	63	66	71	96	100	97	99	81	72	59	49	54	46	43	43	1770
152	Resilient Tires and Wheels	1790	211	174	164	164	210	228	189	155	167	196	196	254	262	318	309	237	219	250	218	180	174	6265
156	Adhesive Bonding and Miscellaneous Chemical Manufacture	14165	1545	1494	1364	1410	1472	1464	1490	1434	1596	1912	1991	1912	1901	1807	2048	1868	1464	1319	1173	1043	964	46836
157	Wheelwright Machines	221	23	14	20	18	23	15	8	9	11	9	11	19	28	11	18	11	21	24	25	20	20	579
159	Concentrating Evaporators	825	59	67	51	70	75	56	49	62	66	54	54	30	38	47	39	38	40	32	22	28	33	1835
160	Flexible or Portable Closure, Partition, or Panel	1851	278	250	285	279	245	227	233	303	257	302	309	386	358	305	317	295	256	257	209	167	172	7541
162	Paper Making and Fiber Liberation	2996	323	368	318	384	375	334	355	413	442	502	454	494	580	560	417	396	307	299	281	269	267	11134
163	Needle and Pin Making	27	3	2	3	1	5	4	9	5	8	7	6	4	0	1	2	0	0	0	2	3	1	93
164	Metal Founding	3615	358	335	333	266	344	351	239	256	274	312	317	233	287	341	372	267	259	281	221	133	150	9544
165	Heat Exchange	8074	666	634	626	640	662	675	567	613	524	739	861	863	955	903	889	929	866	1069	893	839	753	24240
166	Wells	6291	615	529	584	577	567	689	526	452	377	536	600	694	838	709	790	848	690	1055	951	931	926	20775
168	Farriery	72	11	12	17	15	14	10	2	10	12	10	8	13	11	18	17	13	11	4	8	7	14	309
169	Fire Extinguishers	673	73	73	77	91	62	60	60	81	74	94	117	124	80	85	78	80	76	88	76	69	54	2345
171	Unearthing Plants or Buried Objects	225	15	15	12	19	22	17	15	14	9	11	13	11	5	5	10	8	7	9	4	3	4	453
172	Earth Working	2651	229	216	174	140	141	141	193	186	168	215	198	242	212	183	170	144	151	174	98	72	126	6224
173	Tool Driving or Impacting	1657	164	108	142	132	88	112	94	114	94	123	138	163	148	125	162	179	153	199	148	175	145	4563
174	Electricity: Conductors and Insulators	6894	840	687	728	744	779	878	874	816	675	1082	1096	1271	1727	1763	1546	1514	1243	1284	1176	1171	1178	29966
175	Boring or Penetrating the Earth	3440	343	286	310	307	276	338	289	290	232	331	355	411	467	462	463	398	365	474	425	442	399	11103
177	Weighing Scales	1670	203	129	110	137	132	112	77	73	95	148	131	97	106	127	116	121	106	130	105	108	108	4141
178	Telegraphy	851	88	60	62	57	65	41	64	93	69	100	88	64	81	85	99	98	98	130	129	97	91	2610
180	Motor Vehicles	6460	891	739	822	743	686	731	625	788	637	877	965	1026	1186	1293	1312	1165	1168	1163	1102	1188	1173	26740
181	Acoustics	2733	336	283	247	263	236	235	234	213	215	312	313	316	268	296	360	308	239	210	209	258	261	8345
182	Fire Escape, Ladder, or Scaffold	2028	193	205	223	237	138	193	149	152	152	214	253	237	187	218	193	218	186	202	142	91	78	5889
184	Lubrication	1134	136	181	162	126	144	133	132	150	116	138	150	159	167	152	142	129	114	133	100	100	81	3979

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185	Motors: Spring, Weight, or Animal Powered	207	16	9	6	12	12	7	7	10	8	7	15	13	16	11	9	14	8	7	8	4	3	409
186	Merchandising	127	9	17	22	24	17	17	21	20	12	21	27	22	13	19	23	16	16	17	14	14	10	498
187	Elevator, Industrial Lift Truck, or Stationary Lift for Vehicle	1208	96	100	157	152	152	163	140	146	140	187	212	149	172	212	157	91	87	137	159	158	169	4344
188	Brakes	5362	630	468	501	489	473	483	536	524	425	525	603	591	771	709	519	453	482	451	379	382	323	16079
190	Trunks and Hand-Carried Luggage	447	78	63	77	70	65	49	77	92	70	87	98	91	104	98	96	56	59	54	51	47	55	1984
191	Electricity: Transmission To Vehicles	345	23	19	29	28	26	33	19	28	34	33	41	42	60	48	31	28	25	25	14	13	20	964
192	Clutches and Power-Stop Control	5034	585	524	580	535	398	347	311	433	454	489	593	580	502	467	504	474	357	408	310	283	275	14443
193	Conveyors, Chutes, Skids, Guides, and Ways	695	47	49	49	60	44	35	49	36	39	32	59	63	68	57	51	40	39	41	46	36	40	1675
194	Check-Actuated Control Mechanisms	687	84	68	82	72	76	81	105	104	74	80	117	112	95	54	79	69	72	62	47	42	55	2317
196	Mineral Oils: Apparatus	272	20	13	16	14	19	11	11	11	12	26	22	10	18	13	9	7	5	6	7	8	11	541
198	Conveyors: Power-Driven	6791	733	710	740	790	691	703	586	534	541	577	693	686	816	714	699	616	466	492	500	457	462	19997
199	Type Casting	0	0	2	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4
200	Electricity: Circuit Makers and Breakers	6845	586	549	513	468	451	475	453	489	465	673	637	606	529	584	615	655	566	622	525	524	530	18360
201	Distillation: Processes, Thermolytic	1009	34	24	18	27	16	19	26	10	21	25	20	19	21	7	9	14	8	18	5	12	12	1374
202	Distillation: Apparatus	1637	86	82	74	74	97	72	74	77	82	91	77	76	59	58	51	43	40	48	37	48	69	3052
203	Distillation: Processes, Separatory	1755	134	150	127	182	190	143	142	118	126	144	141	104	81	127	82	68	73	80	65	61	82	4175
204	Chemistry: Electrical and Wave Energy	9905	1048	993	873	991	977	1018	994	902	886	1090	1188	1315	1426	1294	1215	1119	883	789	739	679	662	30986
205	Electrolysis: Processes, Compositions Used Therein, and Methods of Preparing the Compositions	5917	484	450	401	470	483	485	473	465	433	472	536	537	742	628	576	558	396	387	396	339	346	15974
206	Special Receptacle or Package	9014	1326	1224	1183	1164	1203	1233	1208	1213	1210	1598	1597	1515	1360	1225	1168	987	916	928	774	846	810	33702
208	Mineral Oils: Processes and Products	5690	477	429	421	346	345	382	291	211	215	257	384	328	316	263	248	242	164	189	225	239	267	11929
209	Classifying, Separating, and Assorting Solids	4174	427	364	362	375	387	352	344	316	290	308	375	387	370	314	315	319	242	235	236	239	210	10941
210	Liquid Purification or Separation	13439	1668	1516	1657	1856	1736	1460	1518	1623	1615	1746	1765	1721	1819	1620	1570	1449	1252	1265	1344	1262	1224	46125
211	Supports: Racks	3488	464	434	477	468	440	445	369	437	436	553	571	581	551	564	517	444	412	387	338	257	275	12908
212	Traversing Hoists	1093	72	79	75	77	64	40	69	64	67	80	65	104	82	68	100	46	46	64	75	75	73	2578
213	Railway Draft Appliances	243	13	18	19	34	18	19	20	32	20	20	22	17	26	17	11	20	8	14	14	14	19	638
215	Bottles and Jars	2850	374	332	319	316	291	291	295	284	291	391	413	362	303	280	260	223	208	220	184	155	195	8837
216	Etching a Substrate: Processes	2032	288	311	311	304	467	427	428	385	483	545	594	621	637	650	633	607	498	550	505	537	489	12302
217	Wooden Receptacles	302	24	22	12	13	16	16	7	8	7	14	10	11	15	9	7	4	4	6	4	6	1	518
218	High-Voltage Switches with Arc Preventing or Extinguishing Devices	1106	64	58	57	62	49	53	43	75	43	94	80	69	95	93	76	75	49	49	38	24	43	2395
219	Electric Heating	11474	1299	1200	1123	1096	1133	1164	1019	1007	923	1307	1430	1642	1583	1552	1529	1559	1321	1424	1111	858	765	37519
220	Receptacles	7875	1051	968	975	943	1002	947	913	962	889	1132	1183	1186	1120	987	919	808	712	860	732	621	754	27539
221	Article Dispensing	2091	219	214	235	226	224	208	216	231	157	251	272	268	294	256	294	254	171	230	166	166	157	6800
222	Dispensing	8099	918	953	972	907	928	1057	917	844	833	1030	1246	1112	1109	1069	867	871	700	762	615	498	537	26844
223	Apparel Apparatus	684	74	78	107	86	50	48	71	79	106	86	102	123	102	71	46	69	53	52	61	54	33	2235
224	Package and Article Carriers	2366	378	373	390	337	380	371	407	444	463	533	533	469	501	443	424	400	278	274	260	193	197	10414
225	Severing by Tearing or Breaking	720	69	62	74	96	64	70	51	54	45	73	63	51	52	67	66	78	61	60	34	35	36	1981
226	Advancing Material of Indeterminate Length	2195	209	154	159	160	150	162	142	129	100	174	152	116	121	125	106	76	63	65	55	52	26	4691
227	Elongated-Member-Driving Apparatus	1369	129	104	129	122	131	137	156	164	182	180	149	176	133	120	176	185	174	234	168	183	203	4704
228	Metal Fusion Bonding	3669	486	361	416	464	462	436	411	400	358	389	468	601	631	583	538	526	409	346	265	305	278	12802
229	Envelopes, Wrappers, and Paperboard Boxes	3341	408	383	416	361	365	384	328	311	280	362	351	347	335	293	244	168	193	158	156	155	143	9482
231	Whips and Whip Apparatus	22	2	1	2	3	0	1	0	0	1	0	1	4	0	1	1	2	1	1	1	3	2	49
232	Deposit and Collection Receptacles	359	50	54	57	45	35	31	47	35	43	41	43	37	33	27	29	42	37	48	62	51	33	1239
234	Selective Cutting (e.g., Punching)	52	2	1	1	5	2	1	0	0	2	2	3	0	2	3	4	6	2	8	4	4	2	106
235	Registers	2959	556	403	418	419	489	505	596	597	558	797	927	958	759	822	1036	1081	872	1405	1372	1467	1403	20399
236	Automatic Temperature and Humidity Regulation	2276	192	174	137	155	174	165	131	130	113	147	180	170	146	170	172	155	148	141	141	113	106	5436
237	Heating Systems	1402	104	99	80	72	73	67	40	53	47	78	112	106	74	78	76	90	65	66	47	28	30	2887
238	Railways: Surface Track	468	39	49	37	47	28	25	31	40	32	48	30	36	47	48	37	36	23	28	20	17	16	1182

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
239	Fluid Sprinkling, Spraying, and Diffusing	7011	760	791	733	738	745	789	615	581	658	902	1010	1055	886	852	907	961	774	824	593	560	557	23302
241	Solid Material Comminution or Disintegration	3264	321	298	320	304	356	364	334	343	307	370	410	319	244	296	328	224	207	253	304	254	302	9722
242	Winding, Tensioning, or Guiding	7338	702	677	590	546	640	780	575	707	612	825	756	768	628	718	665	549	486	485	433	419	322	20221
244	Aeronautics and Astronautics	4221	486	449	539	575	456	442	371	358	334	577	538	636	678	669	656	612	494	548	498	429	531	15097
245	Wire Fabrics and Structure	92	9	3	7	7	12	6	5	5	6	3	5	4	8	7	3	7	5	11	7	1	4	217
246	Railway Switches and Signals	463	43	57	46	45	37	51	58	54	59	76	42	68	84	78	60	53	42	57	55	42	40	1610
248	Supports	9835	1340	1280	1396	1333	1219	1212	1144	1226	1184	1576	1543	1633	1541	1669	1591	1252	1031	1163	1172	1058	1270	37668
249	Static Molds	1929	222	165	171	177	156	147	140	132	150	199	162	150	173	149	162	154	115	138	106	54	67	5018
250	Radiant Energy	14390	2194	2018	2133	2066	1887	1942	1864	1752	1628	2002	1871	1886	2120	2344	2706	2764	2340	3192	2789	2951	2937	61776
251	Valves and Valve Actuation	7141	789	745	679	719	675	681	561	567	501	708	815	867	801	728	706	763	771	762	539	465	470	21453
252	Compositions	12602	1285	1160	1338	1390	1314	1268	1199	1258	1143	1358	1335	1263	1226	1272	1379	1279	913	1091	981	935	962	37951
254	Implements or Apparatus for Applying Pushing or Pulling Force	2649	250	210	182	229	219	194	198	174	201	199	257	276	257	229	261	213	198	232	209	206	164	7207
256	Fences	677	79	77	78	79	64	71	82	96	98	100	108	112	107	99	138	110	106	90	64	72	82	2589
257	Active Solid-State Devices (e.g., Transistors, Solid-State Diodes)	15250	2416	2478	3126	3205	3374	4158	4228	4277	4695	6497	7847	9142	10996	11617	11997	12258	10802	11593	11299	10845	9409	171509
258	Railway Mail Delivery	8	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	12
260	Chemistry of Carbon Compounds	1066	29	21	23	32	26	20	17	19	31	34	33	24	26	13	16	10	8	3	7	7	3	1468
261	Gas and Liquid Contact Apparatus	4189	273	273	273	281	244	201	216	219	209	242	246	254	265	249	217	225	191	183	186	164	186	8986
264	Plastic and Nonmetallic Article Shaping or Treating: Processes	17527	2098	1940	2046	2101	2096	1810	1762	1799	1950	2404	2218	2044	1991	1847	2061	1938	1383	1405	1156	1007	1062	55645
266	Metallurgical Apparatus	2975	224	201	217	213	221	245	218	161	159	185	213	181	214	171	182	136	91	61	79	90	117	6554
267	Spring Devices	2638	400	291	304	290	291	282	222	248	215	244	291	293	323	379	300	238	205	229	215	196	152	8246
269	Work Holders	2532	330	292	240	289	257	247	193	234	218	300	307	312	299	290	301	251	204	230	167	130	150	7773
270	Sheet-Material Associating	646	78	94	120	125	76	89	89	83	83	119	87	84	121	104	96	130	87	106	93	118	154	2782
271	Sheet Feeding or Delivering	3921	459	410	531	640	589	498	478	444	406	437	530	492	542	457	569	466	360	367	336	494	568	13994
273	Amusement Devices: Games	3795	437	407	473	463	430	516	498	463	479	597	515	502	544	539	545	445	337	351	365	382	364	13447
276	Typesetting	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0	0	1	0	6
277	Seal for a Joint or Juncture	4107	440	355	404	411	350	350	286	383	326	278	381	419	491	471	410	387	337	339	233	256	222	11636
278	Land Vehicles: Animal Draft Appliances	5	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	1	0	1	1	1	13
279	Chucks or Sockets	1233	152	114	136	107	106	136	115	103	83	146	198	140	165	122	139	84	110	87	105	92	83	3756
280	Land Vehicles	9677	1157	1074	1253	1152	1250	1433	1397	1517	1238	1678	1725	1977	2145	2069	1747	1671	1554	1607	1581	1640	1596	42138
281	Books, Strips, and Leaves	630	106	113	124	94	98	81	104	79	99	122	149	139	125	112	76	76	55	46	27	34	24	2513
283	Printed Matter	1180	170	200	179	202	205	210	210	191	203	301	325	296	271	231	210	223	155	168	135	135	114	5514
285	Pipe Joints or Couplings	5403	626	517	524	568	473	594	453	420	371	511	582	522	510	565	515	397	401	395	293	418	405	15463
289	Knots and Knot Tying	144	12	7	9	11	6	6	15	15	17	13	10	11	17	11	14	12	8	7	6	6	9	366
290	Prime-Mover Dynamo Plants	1288	103	77	76	77	40	68	62	59	66	124	112	138	158	163	155	231	256	287	270	297	321	4428
291	Track Sanders	29	3	3	0	2	0	1	0	3	0	0	3	2	1	2	3	2	6	3	2	1	3	69
292	Closure Fasteners	3018	384	376	404	345	279	237	267	361	319	371	371	425	288	428	442	336	299	327	320	285	259	10141
293	Vehicle Fenders	543	52	67	50	69	52	43	39	38	35	51	55	59	95	81	87	108	112	81	79	91	80	1967
294	Handling: Hand and Hoist-Line Implements	3935	440	361	371	354	347	331	339	336	333	413	391	406	336	364	301	200	194	258	236	195	220	10661
295	Railway Wheels and Axles	78	3	7	7	4	2	3	4	7	6	3	9	7	6	7	8	7	2	1	3	3	3	180
296	Land Vehicles: Bodies and Tops	3743	541	592	624	503	462	462	418	541	483	694	775	933	1104	1010	1035	1063	985	1090	948	919	887	19812
297	Chairs and Seats	4246	626	528	505	525	457	695	562	728	684	817	847	901	803	807	885	835	685	831	665	747	737	19116
298	Land Vehicles: Dumping	387	40	33	54	34	32	27	38	33	17	32	29	37	34	27	40	38	27	18	17	18	18	1030
299	Mining or In Situ Disintegration of Hard Material	2007	135	113	108	121	109	64	72	60	66	76	68	83	84	80	68	58	59	73	52	92	75	3723
300	Brush, Broom, and Mop Making	131	18	19	22	24	11	10	16	15	22	18	19	14	21	18	19	16	14	3	9	9	9	457
301	Land Vehicles: Wheels and Axles	867	84	95	104	100	90	95	96	128	94	119	137	172	180	188	161	141	125	129	93	107	105	3410
303	Fluid-Pressure and Analogous Brake Systems	1952	294	235	252	247	285	280	276	269	246	295	318	364	456	352	292	206	215	205	163	206	135	7543
305	Wheel Substitutes for Land Vehicles	505	47	27	26	21	33	39	38	25	24	47	50	62	61	72	59	35	43	42	36	34	35	1361

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
307	Electrical Transmission or Interconnection Systems	3637	445	323	325	333	380	340	403	545	543	745	767	686	602	584	615	577	381	617	580	556	689	14673
310	Electrical Generator or Motor Structure	7385	821	726	791	830	775	768	700	705	795	1234	1248	1274	1371	1392	1305	1863	1547	1524	1300	1303	1620	31277
312	Supports: Cabinet Structure	3169	363	329	284	326	374	343	373	378	369	496	531	600	534	637	595	500	412	394	376	352	347	12082
313	Electric Lamp and Discharge Devices	5172	602	590	571	547	465	436	480	565	621	909	931	857	955	1199	1612	1438	1093	1221	1195	1126	1307	23892
314	Electric Lamp and Discharge Devices: Consumable Electrodes	15	0	2	0	1	1	1	0	0	0	0	0	2	0	2	1	3	1	1	0	4	4	38
315	Electric Lamp and Discharge Devices: Systems	5104	477	572	652	513	447	493	557	526	463	671	708	745	849	1002	1067	956	819	947	932	872	837	20209
318	Electricity: Motive Power Systems	6737	727	671	641	638	689	648	628	658	625	949	879	903	879	899	804	865	836	1102	874	842	882	23376
320	Electricity: Battery or Capacitor Charging or Discharging	911	77	66	79	136	165	178	163	222	376	357	413	430	501	454	399	355	321	326	275	378	641	7223
322	Electricity: Single Generator Systems	735	56	56	73	56	61	53	34	76	83	98	73	86	83	76	81	125	111	129	129	109	129	2512
323	Electricity: Power Supply or Regulation Systems	2782	334	309	271	273	237	260	296	361	418	472	545	494	550	547	504	485	484	645	595	618	736	12216
324	Electricity: Measuring and Testing	9547	1539	1268	1353	1288	1275	1278	1521	1766	1511	1594	1541	1784	2133	2557	2521	2514	2305	2649	2426	2307	2395	49072
326	Electronic Digital Logic Circuitry	2011	357	359	440	421	352	463	501	532	442	556	578	759	854	832	723	795	723	764	897	883	873	15115
327	Miscellaneous Active Electrical Nonlinear Devices, Circuits, and Systems	8652	910	829	944	1011	831	1144	1234	1297	1045	1533	1683	1814	1991	2112	1993	1938	1684	2062	1870	1743	1999	40319
329	Demodulators	779	108	62	69	91	65	80	105	99	112	115	108	113	89	71	62	69	50	67	58	53	65	2490
330	Amplifiers	3526	362	281	330	366	283	380	384	345	342	445	526	604	598	657	731	800	631	892	825	839	849	14996
331	Oscillators	2863	316	236	268	305	225	269	293	317	288	385	371	392	423	357	471	497	409	557	541	485	540	10808
332	Modulators	532	49	49	66	73	58	70	92	100	73	107	96	76	79	84	81	58	55	94	88	71	89	2140
333	Wave Transmission Lines and Networks	4362	443	385	488	464	410	465	441	449	410	598	611	616	520	695	790	733	708	688	612	585	647	16120
334	Tuners	333	13	9	8	4	3	3	9	5	2	10	13	13	8	11	8	6	6	12	11	4	7	498
335	Electricity: Magnetically Operated Switches, Magnets, and Electromagnets	3061	341	317	309	271	264	305	259	293	242	271	378	315	332	343	325	369	387	346	259	226	301	9514
336	Inductor Devices	1703	205	170	156	141	132	178	166	171	130	214	207	239	242	277	306	277	328	313	274	255	210	6294
337	Electricity: Electrothermally or Thermally Actuated Switches	1599	142	111	92	103	98	66	58	64	99	127	136	100	80	108	138	119	59	76	52	69	75	3571
338	Electrical Resistors	3234	315	308	274	259	253	229	145	177	176	222	264	239	230	201	183	141	113	154	162	108	106	7493
340	Communications: Electrical	11640	1736	1414	1377	1327	1351	1480	1690	1923	1969	2520	2405	2600	2522	2479	2265	2711	2674	3567	3011	3202	3236	59099
341	Coded Data Generation or Conversion	3260	436	418	432	373	443	375	465	501	654	816	682	684	856	969	971	962	909	1131	1076	1156	1003	18572
342	Communications: Directive Radio Wave Systems and Devices (e.g., Radar, Radio Navigation)	3354	345	363	397	411	416	513	481	591	512	660	725	820	976	1022	1003	1053	871	974	900	937	1110	18434
343	Communications: Radio Wave Antennas	2359	330	236	255	253	311	272	292	354	330	422	696	754	903	917	737	763	924	1077	907	1010	981	15083
345	Computer Graphics Processing and Selective Visual Display Systems	3796	723	644	631	680	793	1020	1153	1377	1518	2342	2219	2347	2710	2638	2766	3174	2961	4078	3595	3521	3928	48614
346	Recorders	2382	276	295	229	250	253	190	143	96	40	69	82	63	45	41	32	33	18	24	29	15	9	4614
347	Incremental Printing of Symbolic Information	4107	661	688	580	783	796	766	903	1100	1076	1632	1348	1759	2140	2251	2099	1978	1713	1989	2051	2282	2112	34814
348	Television	10180	1561	1472	1662	1707	1797	1945	2005	2425	2433	3262	3169	2990	3008	3140	3218	3668	3226	4719	4081	4598	3687	69953
349	Liquid Crystal Cells, Elements and Systems	1620	306	282	334	419	369	405	448	580	590	883	777	926	919	963	1259	1429	1404	1506	1351	1495	1895	20160
351	Optics: Eye Examining, Vision Testing and Correcting	1555	283	226	235	233	222	217	260	261	275	371	417	418	395	351	413	388	306	379	425	482	432	8544
352	Optics: Motion Pictures	1046	45	67	75	56	51	41	43	63	46	56	50	51	41	44	58	78	40	56	41	38	37	2123
353	Optics: Image Projectors	964	80	102	91	93	110	107	124	123	137	172	163	192	214	287	364	423	386	555	535	489	354	6065
355	Photocopying	3459	390	449	429	353	236	272	269	213	311	394	379	354	445	384	451	536	501	642	557	547	416	11987
356	Optics: Measuring and Testing	8309	1214	1012	1184	1177	1145	1187	1231	1195	1171	1647	1528	1538	1232	1431	1917	1833	1673	2021	2100	2202	2103	40050
358	Facsimile and Static Presentation Processing	3219	680	713	705	834	885	974	905	1094	1010	1592	1378	1255	1156	1157	1322	1384	1387	1932	1806	1894	2000	29282
359	Optical: Systems and Elements	9670	1336	1387	1449	1506	1412	1361	1275	1604	1638	2253	2194	2344	2425	2620	2779	3007	2864	3335	2949	2990	3010	55408
360	Dynamic Magnetic Information Storage or Retrieval	7495	1249	926	1036	1043	1153	1185	1197	1193	1173	1597	1582	1590	1565	1572	1693	1859	1490	1872	1492	1435	1461	36858
361	Electricity: Electrical Systems and Devices	9993	1395	1197	1226	1410	1319	1348	1531	1764	1626	2337	2272	2488	2872	3233	3227	3165	2545	2932	2872	3121	3133	57006
362	Illumination	4365	632	648	716	682	583	660	784	776	810	1021	1000	1230	1352	1350	1501	1384	1338	1749	1854	1668	1833	27936

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363	Electric Power Conversion Systems	3138	407	335	325	313	279	326	327	367	510	572	682	614	625	617	553	476	448	604	533	522	634	13207
365	Static Information Storage and Retrieval	4427	762	641	711	642	872	1294	1187	1311	1406	1911	2182	2304	2369	2415	2459	2515	2533	2720	2791	2809	2905	43166
366	Agitating	3555	396	345	283	296	313	349	338	369	290	379	388	377	397	308	322	292	266	261	239	282	215	10260
367	Communications, Electrical: Acoustic Wave Systems and Devices	3180	422	453	358	370	345	300	281	313	274	328	257	325	279	247	263	275	261	263	295	346	328	9763
368	Horology: Time Measuring Systems or Devices	2595	176	152	162	142	175	170	130	153	160	204	188	195	237	216	219	229	174	221	201	244	197	6540
369	Dynamic Information Storage or Retrieval	3453	623	481	628	750	808	752	839	957	981	1220	1083	1100	1111	1105	1225	1298	1021	1579	1470	1458	1358	25300
370	Multiplex Communications	3598	599	581	569	643	743	1111	1293	1584	1456	2219	2490	2766	2794	3184	3735	4366	4144	5895	4935	6250	7275	62230
372	Coherent Light Generators	2839	653	544	608	593	622	765	613	496	493	716	679	657	645	694	965	1111	783	815	605	676	763	17335
373	Industrial Electric Heating Furnaces	1258	76	55	53	62	83	78	74	82	47	66	103	96	59	71	46	60	24	39	26	24	19	2501
374	Thermal Measuring and Testing	3127	370	265	311	317	289	289	218	205	286	370	287	390	350	332	369	336	361	394	325	379	315	9885
375	Pulse or Digital Communications	4359	752	637	764	834	944	1166	1390	1764	1753	2610	2525	2533	2620	2708	2938	3163	2957	4384	3719	4060	3397	51977
376	Induced Nuclear Reactions: Processes, Systems, and Elements	4367	414	296	337	362	367	358	251	227	197	242	197	116	145	146	154	126	110	59	59	70	93	8693
377	Electrical Pulse Counters, Pulse Dividers, or Shift Registers: Circuits and Systems	2567	219	186	208	186	166	153	162	136	110	128	107	132	87	111	78	106	117	95	71	91	99	5315
378	X-Ray or Gamma Ray Systems or Devices	3016	376	360	425	386	372	318	372	431	375	434	380	485	656	751	601	603	635	878	790	911	960	14515
379	Telephonic Communications	4609	721	656	581	554	600	798	948	1111	976	1578	1736	1567	1522	1597	1639	2021	1638	2172	1641	1505	1534	31704
380	Cryptography	908	166	188	203	206	266	282	293	292	341	488	395	528	453	386	339	449	579	959	916	922	1110	10669
381	Electrical Audio Signal Processing Systems and Devices	2615	333	281	296	282	344	324	376	395	461	686	459	510	400	486	565	696	528	876	748	702	768	13131
382	Image Analysis	2036	458	451	602	585	613	654	664	859	1020	1817	1885	1790	1942	1829	2309	2569	2267	3451	3196	3576	3942	38515
383	Flexible Bags	1689	295	268	296	206	201	207	219	221	180	260	290	294	290	230	203	157	161	177	165	112	154	6275
384	Bearings	3833	466	448	452	428	409	385	383	424	366	485	446	480	539	519	500	468	397	402	359	328	351	12868
385	Optical Waveguides	3890	790	781	927	853	842	871	785	784	894	1167	1107	1166	1629	1994	2329	2519	2331	2455	2172	1969	1601	33856
386	Television Signal Processing for Dynamic Recording or Reproducing	2345	423	297	332	366	405	399	453	586	492	648	643	591	599	650	627	691	545	821	810	861	671	14255
388	Electricity: Motor Control Systems	722	76	54	63	46	58	80	66	63	68	105	69	76	96	102	76	78	69	74	82	71	65	2259
392	Electric Resistance Heating Devices	1714	173	135	119	157	161	169	153	133	135	187	228	258	272	239	197	204	220	245	158	136	136	5529
396	Photography	6455	604	600	654	604	673	680	624	864	899	1188	922	861	700	732	625	664	381	439	347	589	856	20961
398	Optical Communications	1005	197	189	231	217	206	331	315	400	324	458	528	552	676	774	675	773	635	961	930	860	856	12093
399	Electrophotography	4645	619	725	847	899	905	860	794	1079	924	1354	1321	1234	1185	1195	1214	1261	1132	1561	1561	1675	1673	28663
400	Typewriting Machines	3921	523	443	482	472	428	351	362	382	344	480	468	430	374	409	432	458	439	420	335	286	232	12471
401	Coating Implements with Material Supply	1513	215	256	287	224	179	216	150	173	136	232	352	304	359	296	259	249	231	241	203	199	167	6441
402	Binder Device Releasably Engaging Aperture or Notch of Sheet	351	58	51	62	41	53	52	53	44	63	79	83	89	82	62	49	49	36	34	26	22	21	1460
403	Joints and Connections	7474	865	759	740	761	693	644	643	687	718	765	650	715	730	726	730	602	515	463	372	349	372	20973
404	Road Structure, Process, or Apparatus	1622	191	214	195	179	214	199	218	220	192	211	241	235	194	227	230	252	194	260	202	183	213	6086
405	Hydraulic and Earth Engineering	5098	521	510	561	497	556	462	466	553	416	570	522	447	479	532	501	472	400	488	347	367	356	15121
406	Conveyors: Fluid Current	1425	133	112	113	102	107	63	57	90	63	73	66	85	95	103	86	59	44	53	56	54	49	3088
407	Cutters, for Shaping	900	83	101	136	116	116	90	65	73	97	131	151	137	123	74	129	126	99	122	102	113	115	3199
408	Cutting by Use of Rotating Axially Moving Tool	2347	261	238	300	263	193	239	189	177	217	290	310	216	264	194	226	159	176	230	226	177	161	7053
409	Gear Cutting, Milling, or Planing	1696	212	187	190	210	167	149	151	121	181	199	227	201	204	206	201	167	163	186	209	182	127	5536
410	Freight Accommodation On Freight Carrier	868	102	93	109	88	74	71	106	93	72	107	113	134	126	119	143	132	109	130	111	114	97	3111
411	Expanded, Threaded, Driven, Headed, Tool-Deformed, or Locked-Threaded Fastener	3122	426	412	373	357	376	320	322	382	369	442	406	400	402	359	327	351	274	267	249	203	181	10320
412	Bookbinding: Process and Apparatus	255	25	39	38	41	34	31	40	26	38	28	42	55	39	42	46	48	35	32	19	31	27	1011
413	Sheet Metal Container Making	313	35	21	33	27	22	26	6	14	15	26	27	24	9	20	16	18	14	17	9	9	15	716
414	Material or Article Handling	9185	876	896	943	863	793	815	817	786	759	848	901	1032	891	918	899	798	640	622	507	470	531	25790
415	Rotary Kinetic Fluid Motors or Pumps	3345	350	271	258	358	377	348	312	365	292	328	313	454	497	596	577	523	526	589	486	444	505	12114
416	Fluid Reaction Surfaces (i.e., Impellers)	2974	301	233	207	269	311	296	249	278	208	252	285	409	453	498	440	403	417	478	444	427	447	10279
417	Pumps	6329	734	571	653	695	706	629	512	652	532	619	693	907	947	906	862	688	497	615	459	458	474	20138

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
418	Rotary Expansible Chamber Devices	2022	195	200	220	240	199	206	199	207	160	201	144	337	306	250	230	225	166	186	172	175	187	6427
419	Powder Metallurgy Processes	1412	187	248	229	185	113	181	187	159	138	162	213	166	171	169	189	134	90	91	83	93	97	4697
420	Alloys or Metallic Compositions	2677	341	279	333	315	264	287	268	240	200	263	296	241	304	297	235	257	179	114	113	128	146	7777
422	Chemical Apparatus and Process Disinfecting, Deodorizing, Preserving, or Sterilizing	9459	1071	960	1063	1294	1321	1320	1337	1266	1226	1584	1634	1516	1607	1621	1652	1516	1256	1296	1394	1443	1611	38447
423	Chemistry of Inorganic Compounds	12211	1073	950	1081	1134	1080	1024	950	867	857	987	1038	963	967	947	983	894	720	837	681	745	953	31942
424	Drug, Bio-Affecting and Body Treating Compositions	8850	1528	1397	1626	1692	1799	1795	1884	2283	3397	4113	4477	3928	4419	4610	4326	3199	2670	3347	2911	2844	2926	70021
425	Plastic Article or Earthenware Shaping or Treating: Apparatus	9050	982	850	932	970	964	833	851	842	892	1076	949	907	966	879	815	840	564	804	733	641	580	26920
426	Food or Edible Material: Processes, Compositions, and Products	8375	1157	1030	1003	908	899	823	884	902	814	980	1261	1267	1226	1064	1015	874	519	636	524	420	462	27043
427	Coating Processes	18944	1953	1789	1775	1901	1867	1861	1735	1817	1935	2308	2483	2499	2442	2446	2511	2295	1693	1442	1440	1246	1509	59891
428	Stock Material or Miscellaneous Articles	28381	3451	3290	3131	3380	3304	3342	3287	3528	3690	4309	4514	4325	4638	4732	4934	4854	3603	3368	3144	2768	2914	106887
429	Chemistry: Electrical Current Producing Apparatus, Product, and Process	4173	355	338	335	387	450	491	551	678	665	695	700	894	983	1129	1153	1164	962	1017	970	990	1267	20347
430	Radiation Imagery Chemistry: Process, Composition, or Product Thereof	11261	1457	1507	1561	1412	1820	1964	1787	1798	1706	2082	2212	2284	2261	2121	2182	2089	1612	1931	1589	1607	1616	49859
431	Combustion	3196	288	299	238	276	277	252	286	266	219	318	381	381	321	278	302	282	257	153	138	104	166	8678
432	Heating	3374	229	224	201	209	198	195	159	153	149	217	228	213	193	192	173	131	89	82	63	79	74	6825
433	Dentistry	2782	347	297	415	375	344	382	286	355	347	530	508	451	553	458	390	335	315	415	341	239	193	10658
434	Education and Demonstration	2651	318	256	288	286	374	315	320	344	332	476	483	498	426	424	444	421	365	366	300	236	245	10168
435	Chemistry: Molecular Biology and Microbiology	8738	1432	1405	1561	1969	2258	2175	2250	3085	4140	6131	6215	5604	6275	5733	5297	4620	4132	5277	5195	4790	4915	93197
436	Chemistry: Analytical and Immunological Testing	4999	876	708	785	972	1045	950	949	1037	1144	1457	1336	1156	1298	1261	1259	1117	927	975	1103	1084	1039	27477
438	Semiconductor Device Manufacturing: Process	6234	897	813	1112	1194	1485	1634	1879	1811	2141	2977	4217	5437	6913	7004	6810	6955	6181	6512	6097	6068	6687	91058
439	Electrical Connectors	8422	1235	1261	1265	1328	1290	1346	1343	1468	1612	1868	2118	2753	2776	2651	2331	2541	2231	2791	2414	2607	2546	50197
440	Marine Propulsion	1163	190	216	218	186	182	180	180	191	163	210	216	271	265	266	243	247	257	252	225	206	180	5707
441	Buoys, Rafts, and Aquatic Devices	1043	145	128	137	118	111	139	125	119	119	141	129	155	150	129	132	126	114	150	124	97	76	3707
442	Fabric (Woven, Knitted, or Nonwoven Textile or Cloth, Etc.)	2705	330	310	253	315	338	359	385	356	427	478	491	443	397	289	363	427	288	257	252	250	277	9990
445	Electric Lamp or Space Discharge Component or Device Manufacturing	910	118	126	103	122	94	70	80	125	149	182	217	251	212	203	274	301	276	283	220	155	228	4699
446	Amusement Devices: Toys	3179	391	370	375	375	345	385	338	351	292	445	434	516	451	467	511	440	282	258	234	214	225	10878
449	Bee Culture	107	2	2	11	5	1	5	4	3	8	3	3	4	2	8	8	6	4	5	1	3	5	200
450	Foundation Garments	210	23	18	23	25	23	13	26	28	35	42	70	83	71	67	29	47	48	59	51	54	41	1086
451	Abrading	3921	437	428	447	462	460	389	408	455	547	553	694	841	1065	994	949	919	886	969	697	481	438	17440
452	Butchering	1175	105	125	116	161	124	120	95	105	72	103	106	125	118	67	78	73	62	112	95	104	101	3342
453	Coin Handling	259	28	22	43	36	27	30	35	43	18	21	34	40	32	20	50	31	15	26	22	17	20	869
454	Ventilation	2181	237	243	234	264	228	262	194	227	219	320	301	355	384	377	394	390	303	271	226	215	265	8090
455	Telecommunications	4653	502	517	567	689	833	928	1098	1483	1295	2053	2460	2765	2620	2677	2746	3200	3352	5571	4960	4928	5550	55447
460	Crop Threshing or Separating	361	26	38	34	33	22	30	44	47	26	44	55	42	53	58	42	49	49	44	41	34	43	1215
462	Books, Strips, and Leaves for Manifolding	226	29	31	18	35	29	34	31	10	11	14	19	31	24	23	5	11	5	5	1	4	0	596
463	Amusement Devices: Games	672	84	63	78	91	94	111	115	110	197	324	311	364	488	502	618	584	508	483	456	549	535	7337
464	Rotary Shafts, Gudgeons, Housings, and Flexible Couplings for Rotary Shafts	2092	253	224	194	226	221	208	165	184	245	276	235	264	348	255	210	217	178	206	167	175	173	6716
470	Threaded, Headed Fastener, or Washer Making: Process and Apparatus	443	35	42	35	29	32	26	18	33	28	35	37	26	29	30	24	18	17	36	17	25	15	1030
472	Amusement Devices	522	66	89	60	68	73	75	81	91	84	115	103	96	84	99	95	95	85	66	61	57	51	2216
473	Games Using Tangible Projectile	3182	478	492	550	561	547	693	717	687	681	921	766	675	722	764	795	750	700	848	746	599	616	17490
474	Endless Belt Power Transmission Systems or Components	2118	284	243	243	205	253	213	211	145	182	218	211	252	215	281	237	192	184	222	173	124	119	6525
475	Planetary Gear Transmission Systems or	1764	244	216	227	258	200	207	203	226	231	244	318	302	206	297	381	377	306	382	401	343	364	7697

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
	Components																							
476	Friction Gear Transmission Systems or Components	220	12	17	27	17	18	25	19	28	24	24	33	47	42	44	48	33	35	41	35	29	25	843
477	Interrelated Power Delivery Controls, Including Engine Control	1654	243	227	319	271	178	147	208	241	267	306	347	348	294	326	364	289	289	272	272	260	272	7394
482	Exercise Devices	2229	365	365	399	371	403	440	395	436	468	553	491	485	424	413	446	428	329	512	394	403	506	11255
483	Tool Changing	428	68	35	39	42	46	49	42	18	37	43	58	48	28	50	32	29	23	38	41	43	30	1267
492	Roll or Roller	713	110	94	76	110	88	69	109	120	110	167	149	127	116	135	118	120	80	69	51	52	51	2834
493	Manufacturing Container or Tube From Paper; or Other Manufacturing From a Sheet or Web	2372	257	233	307	303	274	201	205	232	200	297	291	314	280	201	293	267	211	203	143	188	159	7431
494	Imperforate Bowl: Centrifugal Separators	802	83	80	68	63	78	89	65	89	74	99	105	87	85	78	83	83	60	81	63	56	41	2412
501	Compositions: Ceramic	3518	554	466	681	606	591	571	433	429	457	439	470	396	471	466	440	380	290	318	263	246	352	12837
502	Catalyst, Solid Sorbent, or Support Therefor: Product or Process of Making	8396	759	703	835	848	777	670	615	601	601	801	820	998	983	984	924	870	690	746	639	605	728	24593
503	Record Receiver Having Plural Interactive Leaves or a Colorless Color Former, Method of Use, or Developer Therefor	1021	174	199	199	211	227	249	185	158	151	153	162	122	116	83	86	85	74	86	66	53	45	3905
504	Plant Protecting and Regulating Compositions	3933	377	374	303	327	294	251	250	291	322	294	306	285	281	280	230	169	149	125	89	70	76	9076
505	Superconductor Technology: Apparatus, Material, Process	1017	89	235	336	384	361	304	242	214	172	173	181	143	146	139	144	106	77	65	65	56	73	4722
506	Combinatorial Chemistry Technology: Method, Library, Apparatus	2	0	1	2	2	4	5	10	34	42	94	95	123	126	147	200	111	77	10	20	37	47	1189
507	Earth Boring, Well Treating, and Oil Field Chemistry	1536	123	110	140	136	103	98	67	82	111	105	108	99	124	99	106	127	88	165	162	123	157	3969
508	Solid Anti-Friction Devices, Materials Therefor, Lubricant or Separant Compositions for Moving Solid Surfaces, and Miscellaneous Mineral Oil Compositions	2303	238	214	238	236	242	276	240	260	230	269	221	235	264	194	210	162	93	94	92	109	137	6557
510	Cleaning Compositions for Solid Surfaces, Auxiliary Compositions Therefor, or Processes of Preparing the Compositions	3720	450	359	403	386	402	421	526	563	530	798	884	764	830	882	804	610	428	495	407	403	434	15499
512	Perfume Compositions	937	40	50	46	44	49	49	31	43	36	51	33	54	56	51	48	37	38	50	52	41	58	1894
514	Drug, Bio-Affecting and Body Treating Compositions	23499	3246	3029	3284	3254	3332	2850	3330	3895	4946	5403	5743	5350	5699	5971	5357	4051	3557	4366	3944	3653	4123	111882
516	Colloid Systems and Wetting Agents; Subcombinations Thereof; Processes Of	1932	181	179	198	221	204	198	184	200	173	181	197	191	180	189	196	121	79	84	89	78	116	5371
518	Chemistry: Fischer-Tropsch Processes; or Purification or Recovery of Products Thereof	701	39	30	30	27	23	12	20	18	15	33	38	49	66	54	67	81	61	80	61	45	42	1592
520	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	5	0	0	0	1	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	10
521	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	4660	352	320	367	464	439	373	328	316	363	436	370	392	380	363	369	302	194	180	173	118	139	11398
522	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	2525	213	234	252	219	238	223	251	245	235	286	297	312	346	279	254	264	198	202	189	165	175	7602
523	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	5375	523	456	594	545	591	584	562	535	526	660	787	737	750	731	658	566	407	456	408	376	394	17221
524	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	15376	1327	1248	1519	1515	1606	1643	1388	1479	1448	1649	1876	1714	1762	1767	1721	1698	1098	1277	1136	975	1083	46305
525	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	13904	1565	1499	1638	1736	2003	1966	1534	1594	1439	1606	1548	1529	1644	1698	1610	1475	1050	1186	958	772	813	44767
526	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	7228	605	657	754	835	961	837	717	696	732	817	793	891	1149	1168	1140	1025	803	864	698	623	575	24568
527	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	375	34	25	43	41	41	32	25	27	25	38	27	20	26	20	15	18	12	14	10	14	6	888
528	Synthetic Resins or Natural Rubbers -- Part of the Class 520 Series	11783	1221	1239	1299	1388	1446	1366	1161	1170	1161	1278	1319	1213	1266	1245	1205	1052	730	1021	741	630	714	35648
	Chemistry: Natural Resins or Derivatives;																							

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
530	Peptides or Proteins; Lignins or Reaction Products Thereof	4386	649	619	753	966	1116	914	986	1250	1858	2732	2666	2170	2279	2183	2071	1895	1646	2393	2327	2213	2171	40243
532	Organic Compounds -- Part of the Class 532-570 Series	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	1	0	4
534	Organic Compounds -- Part of the Class 532-570 Series	2172	200	189	210	181	191	191	160	197	183	244	198	168	129	140	99	108	83	149	83	90	79	5444
536	Organic Compounds -- Part of the Class 532-570 Series	3509	572	616	705	688	836	808	1053	1574	2194	3128	3266	2867	3170	2906	2785	2348	2058	2551	2342	2021	2103	44100
540	Organic Compounds -- Part of the Class 532-570 Series	5455	497	520	519	478	502	443	482	581	616	542	532	432	430	495	394	300	322	428	398	333	351	15050
544	Organic Compounds -- Part of the Class 532-570 Series	9490	1063	1039	963	939	1004	874	908	914	1043	1121	1098	1079	1172	1276	1124	975	978	1097	1139	1023	1113	31432
546	Organic Compounds -- Part of the Class 532-570 Series	9841	1122	1119	1080	1055	1192	1030	1078	1129	1323	1259	1298	1297	1273	1431	1358	1112	1016	1232	1143	1090	1289	34767
548	Organic Compounds -- Part of the Class 532-570 Series	10593	1132	1117	1091	1103	1163	990	1034	1172	1182	1103	1182	1146	1150	1292	1107	884	863	1089	1133	988	1029	33543
549	Organic Compounds -- Part of the Class 532-570 Series	7903	747	697	648	739	790	711	691	686	780	813	809	824	803	888	722	640	518	616	510	497	545	22577
552	Organic Compounds -- Part of the Class 532-570 Series	1727	110	120	105	133	124	99	136	133	123	134	128	125	98	138	115	87	77	97	82	52	60	4003
554	Organic Compounds -- Part of the Class 532-570 Series	2098	118	131	126	158	158	142	152	129	123	149	189	143	205	203	140	130	84	107	75	61	146	4967
556	Organic Compounds -- Part of the Class 532-570 Series	3202	306	333	402	412	415	349	336	383	360	362	417	391	491	423	335	308	240	306	268	213	232	10484
558	Organic Compounds -- Part of the Class 532-570 Series	5669	462	427	420	430	483	370	366	321	349	364	356	335	338	342	286	225	163	215	177	166	186	12450
560	Organic Compounds -- Part of the Class 532-570 Series	8523	692	635	640	672	760	589	554	498	571	622	577	588	635	678	554	406	336	374	371	324	305	19904
562	Organic Compounds -- Part of the Class 532-570 Series	6853	557	508	506	557	586	491	448	400	483	556	569	526	555	579	550	423	328	433	362	398	350	17018
564	Organic Compounds -- Part of the Class 532-570 Series	6314	546	534	617	583	596	520	535	490	582	639	612	604	633	646	556	456	403	448	456	444	402	17616
568	Organic Compounds -- Part of the Class 532-570 Series	8293	598	628	671	745	727	612	592	471	498	706	612	576	701	725	589	502	412	515	419	388	385	20365
570	Organic Compounds -- Part of the Class 532-570 Series	1048	153	127	126	153	156	135	145	127	117	167	135	141	161	134	98	98	80	100	89	67	63	3620
585	Chemistry of Hydrocarbon Compounds	4252	405	413	481	423	468	389	395	310	294	408	463	432	411	418	360	285	259	326	343	356	368	12259
588	Hazardous or Toxic Waste Destruction or Containment	733	66	52	40	52	116	165	189	205	179	184	168	141	121	127	99	69	47	74	62	58	60	3007
600	Surgery	6284	1178	1065	1186	1233	1345	1572	1593	1436	1292	2187	2103	2371	2301	2471	2739	2153	1719	1949	1908	1703	2000	43788
601	Surgery: Kinesitherapy	1145	183	193	209	212	171	163	214	185	173	234	189	207	226	197	215	206	140	192	191	181	150	5176
602	Surgery: Splint, Brace, or Bandage	1241	158	181	228	199	193	206	291	229	245	346	304	326	281	249	264	230	218	241	168	158	186	6142
604	Surgery	7416	1292	1230	1293	1415	1546	1845	1719	1616	1702	2249	2043	1901	1881	1859	2423	1685	1320	1310	1127	1052	1271	41195
606	Surgery	3463	566	645	770	924	1011	1332	1353	1405	1669	2136	2226	2187	2000	1797	2215	1659	1279	1527	1342	1115	1386	34007
607	Surgery: Light, Thermal, and Electrical Application	1977	270	324	325	331	376	504	525	489	479	781	775	884	925	877	979	781	756	945	966	677	787	15733
623	Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor	1972	355	364	366	442	323	404	341	500	512	690	742	830	917	967	1027	903	726	859	741	628	829	15438
700	Data Processing: Generic Control Systems or Specific Applications	4083	722	615	590	613	719	776	720	818	729	1279	1113	888	1047	1223	1517	1767	1620	2117	1707	1670	1673	28006
701	Data Processing: Vehicles, Navigation, and Relative Location	2434	575	562	664	573	579	578	659	709	604	1022	1234	1420	1862	1912	1943	1940	1887	1969	1869	1894	2050	28939
702	Data Processing: Measuring, Calibrating, or Testing	3456	612	490	485	436	458	545	511	731	695	980	806	828	998	1351	1830	2143	2123	2525	2238	2194	2215	28650
703	Data Processing: Structural Design, Modeling, Simulation, and Emulation	263	88	75	89	80	117	167	193	274	308	420	454	413	428	348	391	522	593	986	785	878	989	8861
	Data Processing: Speech Signal Processing,																							

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
704	Linguistics, Language Translation, and Audio Compression/Decompression	946	222	208	194	204	252	265	256	357	511	850	786	719	838	843	695	818	701	1264	1133	1170	1076	14308
705	Data Processing: Financial, Business Practice, Management, or Cost/Price Determination	755	203	161	161	157	250	268	206	274	383	744	1006	1062	880	887	962	998	1448	2216	2062	2664	3022	20769
706	Data Processing: Artificial Intelligence	109	108	154	194	288	388	296	343	343	339	483	258	253	294	299	401	303	350	474	339	506	657	7179
707	Data Processing: Database and File Management or Data Structures	362	105	111	123	174	242	310	431	560	704	1513	1733	1674	1931	2231	2498	2674	2520	3796	3463	3791	4322	35268
708	Electrical Computers: Arithmetic Processing and Calculating	3240	532	416	439	423	503	471	444	524	509	684	690	500	484	458	461	481	404	613	407	490	453	13626
709	Electrical Computers and Digital Processing Systems: Multicomputer Data Transferring	270	50	70	71	107	150	196	262	471	554	1495	1632	1954	2016	2286	2296	2979	3014	4550	4274	4859	5883	39439
710	Electrical Computers and Digital Data Processing Systems: Input/Output	1314	206	187	194	257	357	449	553	920	1048	1535	1490	1459	1401	1396	1551	1947	1624	1905	1485	1634	1786	24698
711	Electrical Computers and Digital Processing Systems: Memory	1539	246	238	231	324	405	583	736	999	1077	1562	1546	1515	1696	1867	1942	2226	2095	2714	2283	2633	2571	31028
712	Electrical Computers and Digital Processing Systems: Processing Architectures and Instruction Processing (e.g., Processors)	1261	210	194	182	261	272	348	441	601	688	1203	1109	953	985	824	812	904	777	882	793	868	728	15296
713	Electrical Computers and Digital Processing Systems: Support	681	136	149	158	164	256	325	422	517	624	1047	1014	1005	1067	1044	1185	1572	1783	2814	2782	3107	3359	25211
714	Error Detection/Correction and Fault Detection/Recovery	3419	643	526	566	689	746	960	1279	1570	1465	2191	2052	1926	2040	1977	2397	2527	2446	3558	3404	3482	3205	43068
715	Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing	531	165	141	133	204	263	344	432	604	723	1235	1260	1164	1248	1235	1229	1316	1370	1926	1759	1728	2535	21545
716	Data Processing: Design and Analysis of Circuit or Semiconductor Mask	182	67	55	52	66	91	123	181	237	248	342	325	325	512	689	970	857	833	1231	1039	1120	1044	10589
717	Data Processing: Software Development, Installation, and Management	66	27	20	21	44	65	115	136	149	196	459	549	484	628	492	546	732	837	1248	1117	1155	1488	10574
718	Electrical Computers and Digital Processing Systems: Virtual Machine Task or Process Management or Task Management/Control	155	37	39	28	56	62	109	135	109	155	270	242	267	314	337	328	455	397	575	445	531	577	5623
719	Electrical Computers and Digital Processing Systems: Interprogram Communication or Interprocess Communication (Ipc)	42	8	15	16	20	30	69	116	113	126	249	289	264	390	409	355	509	460	615	451	630	690	5866
720	Dynamic Optical Information Storage or Retrieval	323	103	60	103	123	102	89	74	137	118	183	190	153	216	238	214	238	255	313	291	318	243	4084
725	Interactive Video Distribution Systems	439	61	74	78	68	88	97	138	273	274	426	456	372	329	344	384	439	384	709	566	637	956	7592
726	Information Security	40	10	18	14	16	21	31	32	61	88	204	287	356	372	282	305	501	509	966	1148	1417	1876	8554
800	Multicellular Living Organisms and Unmodified Parts Thereof and Related Processes	89	22	13	29	48	38	99	91	253	282	498	670	631	666	555	525	614	521	778	904	762	946	9034
850	Scanning-Probe Techniques or Apparatus; Applications of Scanning-Probe Techniques, e.g., Scanning Probe Microscopy [Spm]	248	85	75	104	112	105	117	131	110	87	112	116	112	158	161	223	227	209	10	0	0	27	2529
901	Robots	1535	313	252	236	214	204	157	154	147	132	185	183	160	165	177	182	148	143	201	165	134	127	5314
902	Electronic Funds Transfer	701	35	27	33	25	32	28	37	31	49	57	64	81	61	40	45	55	62	60	72	59	52	1706
903	Hybrid Electric Vehicles (Hevs)	59	1	1	3	11	9	26	18	29	26	73	100	100	138	220	216	167	96	17	91	107	73	1581
930	Peptide or Protein Sequence	1890	255	6	12	58	76	66	38	59	85	79	79	48	46	33	31	40	29	32	23	18	12	3015
968	Horology	3095	178	127	6	0	1	0	1	0	0	6	3	2	4	2	2	0	1	1	1	1	1	3433
976	Nuclear Technology	4805	509	258	172	48	9	21	23	23	19	25	5	10	3	4	6	3	3	5	4	1	1	5957
977	Nanotechnology	50	40	41	64	82	108	152	137	171	172	243	433	262	372	492	725	373	338	276	341	429	530	5831
984	Musical Instruments	2756	230	182	0	0	0	0	0	0	0	0	0	2	2	2	4	1	0	1	2	3	1	3186
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	4480	309	299	75	2	0	1	1	1	5	4	0	9	5	2	4	2	1	1	0	0	0	5201
G9B	Information Storage Based On Relative Movement Between Record Carrier and	13204	2276	1711	2056	2215	2365	2465	2566	2801	2930	3990	3697	3698	3792	3977	4137	4370	3496	4784	4065	3912	205	78712

Class	Class Title	Pre 1989	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	All Years
	Transducer																							
<b>SUBTOTAL</b>	<b>UTILITY CLASSES</b>	<b>1515412</b>	<b>179843</b>	<b>166083</b>	<b>175183</b>	<b>177359</b>	<b>179594</b>	<b>183056</b>	<b>181867</b>	<b>195757</b>	<b>199470</b>	<b>260437</b>	<b>268161</b>	<b>271547</b>	<b>285159</b>	<b>287237</b>	<b>290684</b>	<b>282494</b>	<b>246738</b>	<b>294781</b>	<b>265397</b>	<b>263821</b>	<b>269876</b>	<b>6439956</b>
<b>D00</b>	<b>** Design Classification Undetermined **</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>4</b>
<b>D01</b>	<b>Edible Products</b>	<b>205</b>	<b>26</b>	<b>38</b>	<b>67</b>	<b>84</b>	<b>52</b>	<b>47</b>	<b>41</b>	<b>61</b>	<b>51</b>	<b>57</b>	<b>56</b>	<b>69</b>	<b>66</b>	<b>50</b>	<b>43</b>	<b>125</b>	<b>88</b>	<b>138</b>	<b>64</b>	<b>63</b>	<b>146</b>	<b>1637</b>
<b>D02</b>	<b>Apparel and Haberdashery</b>	<b>1836</b>	<b>256</b>	<b>281</b>	<b>338</b>	<b>383</b>	<b>481</b>	<b>457</b>	<b>348</b>	<b>383</b>	<b>536</b>	<b>739</b>	<b>614</b>	<b>539</b>	<b>501</b>	<b>507</b>	<b>551</b>	<b>600</b>	<b>507</b>	<b>922</b>	<b>987</b>	<b>1141</b>	<b>931</b>	<b>13838</b>
<b>D03</b>	<b>Travel Goods and Personal Belongings</b>	<b>2401</b>	<b>197</b>	<b>369</b>	<b>433</b>	<b>387</b>	<b>451</b>	<b>425</b>	<b>442</b>	<b>443</b>	<b>454</b>	<b>556</b>	<b>589</b>	<b>597</b>	<b>618</b>	<b>573</b>	<b>569</b>	<b>529</b>	<b>468</b>	<b>693</b>	<b>698</b>	<b>682</b>	<b>665</b>	<b>13239</b>
<b>D04</b>	<b>Brushware</b>	<b>538</b>	<b>59</b>	<b>81</b>	<b>99</b>	<b>95</b>	<b>131</b>	<b>117</b>	<b>161</b>	<b>156</b>	<b>142</b>	<b>169</b>	<b>153</b>	<b>191</b>	<b>204</b>	<b>284</b>	<b>204</b>	<b>144</b>	<b>166</b>	<b>197</b>	<b>170</b>	<b>234</b>	<b>179</b>	<b>3874</b>
<b>D05</b>	<b>Textile or Paper Yard Goods; Sheet Material</b>	<b>291</b>	<b>34</b>	<b>17</b>	<b>31</b>	<b>14</b>	<b>25</b>	<b>13</b>	<b>33</b>	<b>30</b>	<b>40</b>	<b>52</b>	<b>53</b>	<b>98</b>	<b>75</b>	<b>52</b>	<b>41</b>	<b>69</b>	<b>94</b>	<b>91</b>	<b>87</b>	<b>79</b>	<b>72</b>	<b>1391</b>
<b>D06</b>	<b>Furnishings</b>	<b>8333</b>	<b>716</b>	<b>844</b>	<b>1085</b>	<b>1099</b>	<b>1477</b>	<b>1218</b>	<b>1538</b>	<b>1520</b>	<b>1286</b>	<b>1670</b>	<b>1656</b>	<b>1877</b>	<b>1932</b>	<b>1709</b>	<b>1677</b>	<b>1639</b>	<b>1264</b>	<b>1713</b>	<b>2181</b>	<b>2001</b>	<b>1832</b>	<b>40267</b>
<b>D07</b>	<b>Equipment for Preparing or Serving Food or Drink Not Elsewhere Specified</b>	<b>5166</b>	<b>529</b>	<b>576</b>	<b>582</b>	<b>571</b>	<b>798</b>	<b>736</b>	<b>693</b>	<b>877</b>	<b>674</b>	<b>868</b>	<b>864</b>	<b>1052</b>	<b>1098</b>	<b>843</b>	<b>1051</b>	<b>959</b>	<b>760</b>	<b>1247</b>	<b>1472</b>	<b>1500</b>	<b>1246</b>	<b>24162</b>
<b>D08</b>	<b>Tools and Hardware</b>	<b>5171</b>	<b>598</b>	<b>689</b>	<b>801</b>	<b>892</b>	<b>907</b>	<b>920</b>	<b>914</b>	<b>911</b>	<b>895</b>	<b>1184</b>	<b>1158</b>	<b>1381</b>	<b>1113</b>	<b>1043</b>	<b>1201</b>	<b>1119</b>	<b>880</b>	<b>1510</b>	<b>1658</b>	<b>1780</b>	<b>1351</b>	<b>28076</b>
<b>D09</b>	<b>Packages and Containers for Goods</b>	<b>3597</b>	<b>299</b>	<b>580</b>	<b>666</b>	<b>530</b>	<b>612</b>	<b>650</b>	<b>670</b>	<b>657</b>	<b>674</b>	<b>811</b>	<b>815</b>	<b>964</b>	<b>952</b>	<b>766</b>	<b>961</b>	<b>739</b>	<b>798</b>	<b>1217</b>	<b>1501</b>	<b>1417</b>	<b>1534</b>	<b>21410</b>
<b>D10</b>	<b>Measuring, Testing, or Signalling Instruments</b>	<b>3306</b>	<b>352</b>	<b>476</b>	<b>681</b>	<b>575</b>	<b>581</b>	<b>651</b>	<b>783</b>	<b>540</b>	<b>616</b>	<b>789</b>	<b>717</b>	<b>724</b>	<b>758</b>	<b>652</b>	<b>536</b>	<b>573</b>	<b>534</b>	<b>721</b>	<b>801</b>	<b>966</b>	<b>775</b>	<b>17107</b>
<b>D11</b>	<b>Jewelry, Symbolic Insignia, and Ornaments</b>	<b>2516</b>	<b>227</b>	<b>232</b>	<b>320</b>	<b>305</b>	<b>400</b>	<b>376</b>	<b>477</b>	<b>404</b>	<b>446</b>	<b>498</b>	<b>412</b>	<b>428</b>	<b>496</b>	<b>457</b>	<b>437</b>	<b>415</b>	<b>367</b>	<b>514</b>	<b>516</b>	<b>574</b>	<b>529</b>	<b>11346</b>
<b>D12</b>	<b>Transportation</b>	<b>4299</b>	<b>634</b>	<b>745</b>	<b>768</b>	<b>758</b>	<b>916</b>	<b>819</b>	<b>779</b>	<b>783</b>	<b>875</b>	<b>1099</b>	<b>997</b>	<b>1263</b>	<b>1132</b>	<b>1099</b>	<b>1115</b>	<b>1319</b>	<b>990</b>	<b>1487</b>	<b>1531</b>	<b>1650</b>	<b>1789</b>	<b>26847</b>
<b>D13</b>	<b>Equipment for Production, Distribution, or Transformation of Energy</b>	<b>1587</b>	<b>207</b>	<b>327</b>	<b>429</b>	<b>408</b>	<b>385</b>	<b>397</b>	<b>390</b>	<b>388</b>	<b>338</b>	<b>528</b>	<b>684</b>	<b>683</b>	<b>593</b>	<b>677</b>	<b>721</b>	<b>581</b>	<b>597</b>	<b>1035</b>	<b>1108</b>	<b>1379</b>	<b>1372</b>	<b>14814</b>
<b>D14</b>	<b>Recording, Communication, or Information Retrieval Equipment</b>	<b>4261</b>	<b>601</b>	<b>802</b>	<b>871</b>	<b>742</b>	<b>957</b>	<b>1049</b>	<b>1096</b>	<b>1099</b>	<b>1077</b>	<b>1356</b>	<b>1377</b>	<b>1645</b>	<b>1425</b>	<b>1489</b>	<b>1798</b>	<b>1790</b>	<b>1342</b>	<b>2478</b>	<b>2922</b>	<b>3466</b>	<b>3182</b>	<b>36825</b>
<b>D15</b>	<b>Machines Not Elsewhere Specified</b>	<b>2516</b>	<b>188</b>	<b>257</b>	<b>183</b>	<b>319</b>	<b>382</b>	<b>283</b>	<b>378</b>	<b>365</b>	<b>276</b>	<b>381</b>	<b>381</b>	<b>437</b>	<b>410</b>	<b>430</b>	<b>418</b>	<b>437</b>	<b>343</b>	<b>649</b>	<b>691</b>	<b>623</b>	<b>584</b>	<b>10931</b>
<b>D16</b>	<b>Photography and Optical Equipment</b>	<b>1114</b>	<b>96</b>	<b>180</b>	<b>193</b>	<b>211</b>	<b>192</b>	<b>225</b>	<b>232</b>	<b>281</b>	<b>259</b>	<b>406</b>	<b>362</b>	<b>463</b>	<b>365</b>	<b>290</b>	<b>417</b>	<b>322</b>	<b>301</b>	<b>416</b>	<b>717</b>	<b>586</b>	<b>471</b>	<b>8099</b>
<b>D17</b>	<b>Musical Instruments</b>	<b>467</b>	<b>29</b>	<b>74</b>	<b>92</b>	<b>56</b>	<b>54</b>	<b>80</b>	<b>53</b>	<b>59</b>	<b>49</b>	<b>67</b>	<b>72</b>	<b>39</b>	<b>54</b>	<b>46</b>	<b>60</b>	<b>37</b>	<b>48</b>	<b>65</b>	<b>66</b>	<b>110</b>	<b>68</b>	<b>1745</b>
<b>D18</b>	<b>Printing and Office Machinery</b>	<b>1929</b>	<b>228</b>	<b>296</b>	<b>360</b>	<b>242</b>	<b>301</b>	<b>260</b>	<b>294</b>	<b>288</b>	<b>244</b>	<b>235</b>	<b>224</b>	<b>310</b>	<b>299</b>	<b>218</b>	<b>242</b>	<b>201</b>	<b>160</b>	<b>455</b>	<b>418</b>	<b>295</b>	<b>280</b>	<b>7779</b>
<b>D19</b>	<b>Office Supplies; Artists` and Teachers` Materials</b>	<b>1825</b>	<b>176</b>	<b>247</b>	<b>323</b>	<b>358</b>	<b>366</b>	<b>290</b>	<b>374</b>	<b>238</b>	<b>307</b>	<b>413</b>	<b>413</b>	<b>437</b>	<b>454</b>	<b>422</b>	<b>427</b>	<b>461</b>	<b>379</b>	<b>384</b>	<b>486</b>	<b>608</b>	<b>424</b>	<b>9812</b>
<b>D20</b>	<b>Sales and Advertising Equipment</b>	<b>651</b>	<b>41</b>	<b>106</b>	<b>132</b>	<b>107</b>	<b>137</b>	<b>169</b>	<b>156</b>	<b>128</b>	<b>182</b>	<b>219</b>	<b>182</b>	<b>227</b>	<b>153</b>	<b>104</b>	<b>184</b>	<b>146</b>	<b>136</b>	<b>141</b>	<b>144</b>	<b>137</b>	<b>163</b>	<b>3745</b>
<b>D21</b>	<b>Games, Toys, and Sports Goods</b>	<b>5414</b>	<b>619</b>	<b>699</b>	<b>893</b>	<b>828</b>	<b>812</b>	<b>1060</b>	<b>1059</b>	<b>925</b>	<b>885</b>	<b>1217</b>	<b>1129</b>	<b>1204</b>	<b>969</b>	<b>825</b>	<b>863</b>	<b>794</b>	<b>697</b>	<b>1142</b>	<b>1088</b>	<b>1205</b>	<b>992</b>	<b>25319</b>
<b>D22</b>	<b>Arms, Pyrotechnics, Hunting and Fishing Equipment</b>	<b>1351</b>	<b>213</b>	<b>184</b>	<b>147</b>	<b>189</b>	<b>153</b>	<b>188</b>	<b>205</b>	<b>225</b>	<b>159</b>	<b>189</b>	<b>196</b>	<b>198</b>	<b>173</b>	<b>178</b>	<b>194</b>	<b>160</b>	<b>150</b>	<b>205</b>	<b>191</b>	<b>191</b>	<b>234</b>	<b>5273</b>
<b>D23</b>	<b>Environmental Heating and Cooling; Fluid Handling and Sanitary Equipment</b>	<b>3461</b>	<b>283</b>	<b>417</b>	<b>649</b>	<b>560</b>	<b>494</b>	<b>596</b>	<b>614</b>	<b>579</b>	<b>600</b>	<b>833</b>	<b>860</b>	<b>1035</b>	<b>931</b>	<b>988</b>	<b>934</b>	<b>850</b>	<b>813</b>	<b>1585</b>	<b>1374</b>	<b>1477</b>	<b>1293</b>	<b>21226</b>
<b>D24</b>	<b>Medical and Laboratory Equipment</b>	<b>3882</b>	<b>470</b>	<b>441</b>	<b>521</b>	<b>578</b>	<b>566</b>	<b>598</b>	<b>612</b>	<b>589</b>	<b>502</b>	<b>587</b>	<b>639</b>	<b>735</b>	<b>817</b>	<b>629</b>	<b>739</b>	<b>611</b>	<b>384</b>	<b>605</b>	<b>1016</b>	<b>1086</b>	<b>1095</b>	<b>17702</b>
<b>D25</b>	<b>Building Units and Construction Elements</b>	<b>2391</b>	<b>229</b>	<b>191</b>	<b>203</b>	<b>266</b>	<b>286</b>	<b>335</b>	<b>374</b>	<b>312</b>	<b>343</b>	<b>363</b>	<b>381</b>	<b>407</b>	<b>405</b>	<b>438</b>	<b>385</b>	<b>362</b>	<b>326</b>	<b>322</b>	<b>444</b>	<b>474</b>	<b>447</b>	<b>9684</b>
<b>D26</b>	<b>Lighting</b>	<b>1673</b>	<b>232</b>	<b>233</b>	<b>353</b>	<b>348</b>	<b>309</b>	<b>398</b>	<b>421</b>	<b>505</b>	<b>489</b>	<b>581</b>	<b>595</b>	<b>856</b>	<b>959</b>	<b>730</b>	<b>792</b>	<b>714</b>	<b>530</b>	<b>916</b>	<b>1197</b>	<b>1368</b>	<b>1207</b>	<b>15406</b>
<b>D27</b>	<b>Tobacco and Smokers' Supplies</b>	<b>424</b>	<b>27</b>	<b>30</b>	<b>35</b>	<b>12</b>	<b>25</b>	<b>37</b>	<b>37</b>	<b>39</b>	<b>47</b>	<b>90</b>	<b>94</b>	<b>66</b>	<b>85</b>	<b>98</b>	<b>68</b>	<b>79</b>	<b>59</b>	<b>109</b>	<b>124</b>	<b>79</b>	<b>77</b>	<b>1741</b>
<b>D28</b>	<b>Cosmetic Products and Toilet Articles</b>	<b>1301</b>	<b>196</b>	<b>281</b>	<b>197</b>	<b>142</b>	<b>173</b>	<b>281</b>	<b>200</b>	<b>217</b>	<b>215</b>	<b>232</b>	<b>241</b>	<b>421</b>	<b>372</b>	<b>290</b>	<b>306</b>	<b>283</b>	<b>212</b>	<b>335</b>	<b>337</b>	<b>346</b>	<b>313</b>	<b>6891</b>
<b>D29</b>	<b>Equipment for Safety, Protection, and Rescue</b>	<b>474</b>	<b>59</b>	<b>78</b>	<b>63</b>	<b>61</b>	<b>81</b>	<b>98</b>	<b>119</b>	<b>109</b>	<b>93</b>	<b>82</b>	<b>93</b>	<b>103</b>	<b>89</b>	<b>117</b>	<b>75</b>	<b>103</b>	<b>67</b>	<b>129</b>	<b>153</b>	<b>169</b>	<b>161</b>	<b>2576</b>
<b>D30</b>	<b>Animal Husbandry</b>	<b>853</b>	<b>82</b>	<b>92</b>	<b>165</b>	<b>169</b>	<b>220</b>	<b>207</b>	<b>211</b>	<b>209</b>	<b>157</b>	<b>135</b>	<b>121</b>	<b>209</b>	<b>135</b>	<b>131</b>	<b>145</b>	<b>143</b>	<b>149</b>	<b>179</b>	<b>221</b>	<b>228</b>	<b>201</b>	<b>4362</b>
<b>D32</b>	<b>Washing, Cleaning, or Drying Machine</b>	<b>1063</b>	<b>135</b>	<b>193</b>	<b>227</b>	<b>156</b>	<b>168</b>	<b>225</b>	<b>239</b>	<b>223</b>	<b>239</b>	<b>259</b>	<b>230</b>	<b>336</b>	<b>298</b>	<b>276</b>	<b>314</b>	<b>278</b>	<b>207</b>	<b>435</b>	<b>543</b>	<b>493</b>	<b>397</b>	<b>6934</b>
<b>D34</b>	<b>Material or Article Handling Equipment</b>	<b>1283</b>	<b>252</b>	<b>230</b>	<b>332</b>	<b>388</b>	<b>389</b>	<b>289</b>	<b>299</b>	<b>219</b>	<b>164</b>	<b>250</b>	<b>226</b>	<b>228</b>	<b>218</b>	<b>212</b>	<b>227</b>	<b>184</b>	<b>105</b>	<b>263</b>	<b>388</b>	<b>290</b>	<b>282</b>	<b>6718</b>
<b>D99</b>	<b>Miscellaneous</b>	<b>387</b>	<b>43</b>	<b>35</b>	<b>36</b>	<b>55</b>	<b>67</b>	<b>53</b>	<b>83</b>	<b>57</b>	<b>71</b>	<b>86</b>	<b>74</b>	<b>88</b>	<b>113</b>	<b>57</b>	<b>100</b>	<b>114</b>	<b>62</b>	<b>64</b>	<b>45</b>	<b>57</b>	<b>39</b>	<b>1786</b>
<b>SUBTOTAL</b>	<b>DESIGN CLASSES</b>	<b>75966</b>	<b>8333</b>	<b>10321</b>	<b>12275</b>	<b>11888</b>	<b>13348</b>	<b>13547</b>	<b>14325</b>	<b>13819</b>	<b>13385</b>	<b>17001</b>	<b>16658</b>	<b>19310</b>	<b>18262</b>	<b>16680</b>	<b>17795</b>	<b>16880</b>	<b>13983</b>	<b>22362</b>	<b>25342</b>	<b>26754</b>	<b>24332</b>	<b>422566</b>
<b>PLT</b>	<b>Plants</b>	<b>2493</b>	<b>587</b>	<b>318</b>	<b>353</b>	<b>321</b>	<b>442</b>	<b>499</b>	<b>389</b>	<b>367</b>	<b>398</b>	<b>563</b>	<b>422</b>	<b>551</b>	<b>586</b>	<b>1134</b>	<b>994</b>	<b>1019</b>	<b>716</b>	<b>1149</b>	<b>1047</b>	<b>1241</b>	<b>1011</b>	<b>16600</b>
<b>SUBTOTAL</b>	<b>PLANT CLASSES</b>	<b>2493</b>	<b>587</b>	<b>318</b>	<b>353</b>	<b>321</b>	<b>442</b>	<b>499</b>	<b>389</b>	<b>367</b>	<b>398</b>	<b>563</b>	<b>422</b>	<b>551</b> </										

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