

Class Subclass		Class Subclass		Class Subclass	
A-Frame Structure	D25 29	Designs	D24 125+	401 153
Abacus	434 203+	Cigar & cigarette tips	131 331	Straps, tighteners	24 68 AS
Design	D18 6+	Coating	126 907*	Accounting	
Abattoir (See Butchering)		Compositions	502 400+	Binder device releasably	
Abdominal		Colloid system resolving or	516 136+	engaging aperture or	
Supporters	450 94+	inhibiting	516 136+	notch of sheet	402
Abietic Acid	562 404+	Drying	252 194	Book strips & leaves	281
Esters	560 7	Getters for electric lamps etc	252 181.1+	Calculating	235
Naturally occurring mixtures	530 200+	Liquid containing	252 1	Computer controlled, monitored	705 30+
Abietyl Alcohol	568 714	Refrigerant	252 69	Bill preparation	705 34
Ablative Fluids	169 DIG. 2	Undergoing chemical change	252 184	Business data processing with	705 52
Abort		(e.g., ion exchange)	252 184	usage or charge determination	705 52
Indicator of aborted start	431 15	Converting mineral oil using	208 46+	Multi-layered rights for use	705 54
Motor with abort means	60 379	Dehumidification of gas		Third party billing	705 53
Abrazing (See File or Filing; Grinding)	451 38+	with refrigeration	62 271	Employee time, attendance	705 32
Abradant-filled bags	451 526+	Processes	62 94	For electronic account	705 68
Attachments for cutlery	451 415+	Dehydrating mineral oil with	208 188	using cryptography	705 68
Blasting by	451 38+	Distilled vapor treating	203 41	Secure transactions with remote	705 77
Comminuting solid material by	241	Apparatus	202 183+	charge determination	705 77
Apparatus	241 31+	Drying solids (see blotter)	34 95+	Including third party	705 78
Hard material in situ	299	Sheet form for printed matter	101 419	Tax preparation	705 31
Process	241 1+	Web form for printed matter	101 417+	Manifolding form-book type	462 54
Cutlery combined	30 138+	Web or sheet form absorbent	34 94	Medical	
Dental apparatus	433 142	Electric battery gas vents	429 86	Computerized	705 2
Motor driven	433 125	Gas separators	96 243+	Cpt codes	705 2
Disintegrating material in general	451	Drier combined with	34 71	Perforated article assorting	209 613
by	451	Gas storing	206 6+	Printed matter	283
Etching	216 52	Liquefied gas handling	62 46.1+	Punch selector	234
Filter block cleaning by	210 353	Producing	62 625+	Typing	400
Frames and mounts	451 340+	Liquid separating, by	210 660+	Accumulator	425 DIG. 1
Fruit peeler and parer	99 588+	Chromatography	210 665+	Boiler steam storage	122 35
Grain hulling		Material separation by		Calculating totalizer	235
Apparatus	99 600+	Chemical sugar refining		Variator with accumulator	235 61 FC
Processes	426 482+	processes	127 49	Combustion products power plants	60 731
Graters for vegetables	241 273.1+	Combined drying	34 71	Cookers fireless	126 273.5
Hand held power tool	D08 61+	Dehydrating oil	208 188	Electric battery	429 149+
Horseshoe calk sharpeners	168 46	Distillation process combined	203 41	Fluid pressure compensator	138 26+
Kerf cutting in the earth	299 29+	Distillation system combined	202 183+	Heat absorber structure	126 400
Lubricant by fluid for feeding	184 60	Drying	34 95	Heat radiator	237 75
Machinery design	D15 124+	Drying vapor treatment	34 80+	Heat storage	165 236
Machines	451 64+	From gases	95	Regenerator	165 4+
Manicuring		Liquid purification	210 660+	Hill planting	111 51
Compounding tools	132 75.6	Chromatography	210 656+	Hydraulic	138 26+
Implements	132 76.4	Mineral oil separation	208 341+	Power plant	60 413+
Mask or stencil	451 442+	Physical sugar refining		Power plant	60 659
Utilizing	451 29+	processes	127 55	Making	29 890.06
Material	451 51	Purification of fats etc	554 175+	Motor steam exhaust	60 659
Methods	451 28+	Smoking device smoke treating	131 203+	Open top liquid heating vessel	126 375.1
Processes	451 28+	Tobacco products smoke treating	131 331	Pump combined	417 540+
Razor combined	30 138+	Neutron	376 339	Refrigerant	62 503
Saw sharpening	76 31+	Other drying means combined	34 71	Automatic	62 174
Severing by	451 231+	Purification of fats oils waxes	554 175	Storage battery	429
Sharpeners	D08 91+	Receptors	604 358+	Vehicle heater	237 44
Test by	73 7	Refrigeration producing	62 476+	Water heater combined	126 375.1
Tool carrier	451 463+	Automatic	62 141+	Acetals	568 590+
Tool making	51	Processes	62 101+	Cyclic 5 membered ring	549 430+
Tool, flexible member	451 526+	Smoking devices used with	131 203+	Cyclic 6 membered ring	549 369+
Tool, rigid	451 540+	Surgical pads	604 358+	Resins	568 590+
Traveling band	451 296+	Vacuumizing a chamber	62 268+	Acetanilide	564 218
Tumbling device	451 326+	Wipers & brushes	15	Acetate	536 69+
Water purification		Absorber, Nuclear Energy	250 515.1+	Cellulose	536 69+
Chemical feeders	241 39	Radar	342 1	Esters	560 231+
Chemical treatment	210 198.1+	Absorption (See Absorbents)		Lead	556 105
Wearing in	29 89.5	Type frequency measurements	324 76.51	Light metal salts	562 607
With glass working	65 61	Absorptive Concrete Form Lining	249 189	Polyvinyl (see also synthetic resin	
Work feeder	451 331+	Abuse, Drugs of	436 901*	or natural rubber)	526 319
Work holder	451 364+	Abutment for Bridges	14 26	Silk (see artificial silk)	
Work rests	451 406+	Ac Dc Converter	363	Acetic Acid	562 607
Work tables	451 411+	Acceleration		Dehydration of	203 16
Abrasives	51	Electric		Acetoacetic Acid	562 577
Belts	451 526+	Auto stop light	340 467	Esters	560 178
Cleaning compositions or detergents		Motor system	388 842+	Acetone	568 382
having	510	Inertia switch	200 61.45 R	Fermentative production	435 150+
Discs	451 490+	Vehicle light system	315 77+	Purification or recovery	568 411
Lubricants having	508	Accelerator	74 513	Acetonitrile	558 435
Materials	51	Hand control with	74 482	Acetophenone	568 335
Metal stock particulate	75 231	High energy particles	315 500	Acetosalicic Acid	560 143
Polishing compositions with	51	Polymers prepared from	520 1+	Acetyl	
Silicon carbide	51 307+	Accelerometer		Chloride	562 840
Stock material	428 143+	Electrical	324	Acetylation (See Acetate)	
Metallic	428 932*	Piezoelectric	310 329	Amines	564 137+
Tungsten carbide	51 307+	Non-electrical	73 514.01+	Ketene production	568 301
Abscission Agent	504 162+	Using inertial element	73 514.01+	Phenols	560 130+
Absorbents and Absorbers		Accident Preventing Devices (See		Textiles	8 121
(See Sorbents)		Safety Devices)	D29	Acetylene (See Triple Bond	
Absorber shading, manually adjusts	126 703	Acclimatization of Ferments	435 245	Hydrocarbon)	
Bandages	602 41+	Accordion		Aldehydes from	568 458
Design	D24 189	Musical instrument	84 376 R	Burner	
Carbohydrate treatment with	127 55	Design	D17 3+	Lantern	362 160
Chemical purification	127 49	Music digest	84 DIG. 15	Cylinder	206 6+
Carbon	502 416	Pleating or folding	270 30.1+	Electrostatic field or electrical	
Catamenial & diaper	604 358+	Coating device for accordion		discharge production	204 171

Class Subclass		Class Subclass		Class Subclass	
Esters from	560 242	Copolymers	526 342	Optical cement	523 168
Gas tanks	220 581+	Acrolein		Surgical	523 118
Generating by wet methods	585 534+	Polymers (see also synthetic resin or natural rubber)	526 315	Vermin catching, trapping	424 77
Generation from carbide	48	Acronycines	546 62+	Digest	24 DIG. 11
Package or receptacle	206 .6+	In drug	514 285	Fastener for diaper	604 389+
Separating from gases	95 145+	Acrylon T M (Polyacrylonitrile Methyl Methacrylate)	526 329.4	Insect catching and destroying	424 77
Separating from gases	95 238	Acrylonitrile		Insect trap	43 114+
Six membered hetero n compounds from	546 253	(See Also Synthetic Resin or Natural Rubber)	526 341	Jewelry	63 DIG. 1
Synthesis of	585 534+	Actinic Glass	501 900*	Manifolding	462 900*
Synthetic resins from (see also synthetic resin or natural rubber)	526 285	Developing by heat	65 30.1+	Pressure sensitive	462 901*
Vinyl halides from	570 233	Actinide Series Metals (See Radioactive)		Metal working involving	29 DIG. 1
Achromatic Image		Alloys	420 1+	Moisteners	118
From chromatic	430 367	Compositions	252 625	Envelope sealing combined	156 441.5+
From organic compound	430 402	Electrolysis	205 43+	Process of forming	427 207.1+
To organic compound	430 565	Heat treatment	148 560	Separator for sheet feeding	271 33
With chromatic	430 364	Metallurgy	75 393+	Tape	422 149+
Acid (See Type of Acid)		Nuclear fuels	376 409+	Coated on both sides	427 208
Absorbing agents for	252 189	Organic compounds	534 11+	Coated on outermost layer	428 343
Acidizing or formation destroying in well treating	507 200+	Actinometer	356 213+	Coating process	427 207.1
Activated (see clay)		Actinomycetales	435 169	Holder with edge for tearing	225 6+
Anhydride		X-art collections	435 822*	Laminated	428 343+
Carbocyclic or acyclic	562 869+	Actinospectacin	549 361	Removable layer	428 40.1+
Cyclic polycarboxylic	549 231+	Activated Ergosterol	552 653	Rolls	206 411
Electrolytic synthesis of	205 427	Activating Carbon	502 180+	Testing	73 150 A
Inorganic, phosphorus compound	423 304+	Activation		Toys, detachably adhesive	446 85+
Inorganic, sulfur compound	423 511+	Lamp filaments	445 6	X-art, special receptacle or package	206 813*
Catalyst regeneration with	502 27	Of catalyst before use in hydrocarbon synthesis	585 906*	Adipic Acid	562 590
Organic	502 28	Vitamins in foods	426 72+	Adjuncts	
Containers	206 524.1+	Actuated and Actuation (See Type of Device Actuated As Door Gate Valve, Etc or Means Employed to Actuate As Cam, Gear, Motor Pawl, Speed Re- sponsive Device, Spring Thermostat)		Static mold	249 205+
Electrolytic synthesis of	205 440	Acupuncture Test, Electric	600 548	Sink head or hot top	249 202
Metal cleaning compositions containing	510 245+	Acupuncture, x-art	128 907*	Adjustable (See Device to Be Adjusted)	
Organic	562	Acyclic Hydrocarbon (See Diolefin; Olefin; Paraffin; Triple Bond)		Adrenalin T M	564 365
Carboxylic halides	562 840	Acylloins	568 303+	Medicine containing	424 520+
Halides	562 800+	Adamantane Synthesis	585 352	Adrenochrome	548 512
Higher fatty electric discharge treatment	204 167	Adapter		Adrenocorticotrophin Acth	530 306
Higher fatty electromagnetic wave treatment	204 157.6	Electrical connector socket	439 638+	Adrenosterone	552 621
Hydrocarbon purification using	585 866	Pipe joint	285 148.22+	Adsorbent (See Sorbent)	
Phosphate fertilizer	71 33+	Adding		Advancing	
Acidophilus Milk, Cream, Buttermilk	426 71	Dispenser cycle totalizer	222 36+	Device for tool	173 141+
Acorn Type Electronic Tube	313	Machine	235	Automatic	173 4+
Acoustic Levitation Devices	73 570.5	Design	D18 3.1+	Cyclic self acting	173 19
Acoustics (See Sound)	181	With recorder	235 58 R+	Impacting device combined	173 112+
Building construction	52 144+	Pencil	235 64	Material of indeterminate-length	226
Cells		Addressing Machine	101 47+	Advertising	
Altering optical element	359 285+	Address printers	D18 50+	Aerial	40 212+
Isolation of motion picture housing and supports	352 35	Plates	101 369+	Calendars	40 107
Coupler		Adducts		Card support	D06 512
Combined telephone-phonograph	379 78	Stabilizing an enzyme by	435 188	Coupons, electronic redemption	705 14
Design	D14 242	Urea	564 1.5+	Design	D20 10+
Oscillators	331 155	Adenine	544 277	Display cards	40 124.01+
Electrical, wave systems & devices	367	In drug	514 263.4	Mirror or reflector devices	359 838+
Airborne shock-wave detection	367 906*	Adenoid Removal Devices	606 110	Mounting bracket for sign	D08 354+
Collision avoidance	367 909*	Adenosine	536 27.6	Printed matter	283 56
Coordinate determination	367 907*	Phosphate	536 26.7	Show boxes and cards	D20 40
Doppler compensation systems	367 904*	Triphosphate	536 26.26	Sign exhibiting	40
Material level detection	367 908*	Adhesive		Skywriting	40 213
Noise reduction in nonseismic receiving system	367 901*	Applying		Telegraph phones & annunciators	369
Particular well-logging apparatus	367 911*	Stacking apparatus with means to apply adhesive to articles	414 904*	Vehicle body	296 21
Portable sonar devices	367 910*	To pluck fowls	452 72	Adzes	30 308.1
Side lobe reduction or shading	367 905*	With laminating	156	Design	D08 76
Sonar time varied gain control	367 900*	Bonding (see extensive digest list)	156	Aeration	
Speed of sound compensation	367 902*	Apparatus	156 346+	Aerator	D23 213+
Transmit-receive circuitry	367 903*	Methods	156 60+	Aquarium	119 263
Energy measuring	73 861.25+	Brackets attached by	248 205.3+	Agitation mixers	366 101+
Fluid pressure leak detector	73 40.5 A	Carrier component having adherent surface	224 901*	Bait container	43 57
Holography, vibration measuring	73 603	Compositions		Dispensing with gas agitating	222 195
Measuring instruments	73 570+	Alkali metal silicate	106 600+	Distillation separatory	
Stock material	181 284+	Biocide with	424	Distillate	202 203
Target for golf	473 176	Carbohydrate gum	106 205.01+	Vapor	202 201
Transducer making	29 594	Cellulose liberation liquor	106 123.11	Faucet attachment for	239 428.5
Transducer making	29 602.1	Core oils	106 38.2+	Digest	261 DIG. 22
Tv		Protein (see synthetic resin or natural rubber)	106 124.1+	Food, cereal puffing	99 323.4
Mechanical-optical scanning by acoustic wave	348 198	Starch	106 206.1+	Liquid purification	
Picture projection device	348 744+	Synthetic resin ctg (see synthetic resin or natural rubber)	520 1+	Contact surface means	210 150+
Wall construction	52 144+	Anerobic	523 176	Process, biological	210 620+
Acridine	546 102+	Dental	523 116	Oxidation	210 758+
Anthrone or anthraquinone nuclei	546			With flotation	210 703+
Azo compounds	534 753+			Submerged fluid inlet	210 220+
Acridone Dye	8 662			Oxygen transfer technique	435 818*
Acriflavine	546 104+			Pumping by aerating liquid column	417 108+
Acriilan T M (Polyacrylonitrile)				Sewage process	210 620+
				Diffusers	261 DIG. 70
				Rotating	261 DIG. 71
				Aerial (See Antenna)	
				Bombs	102 382+
				Cableway	104 112+
				Camera	396 7+
				Films, radiation imagery	430 928*
				Fire fighting apparatus	244 136
				Photo instruments	33 1 A
				Sighting	33 229+

Class Subclass		Class Subclass		Class Subclass	
Aerogram Design	D19 2	Oil vaporizing apparatus.....	196 123+	Plows.....	172
Aerometer	73 30.01+	Furnace grate.....	126 155+	Wells.....	166
Aeronautics	244	Gas injection, effected by.....	366 101+	Post or column.....	D25 131
Aeroplane (See Aircraft)	244	Dispensing.....	222 195	Aibn (Azobisisobutyronitrile)	526 219.6
Aerosol, Compositions & Processes	516 1+	Gas and liquid contact.....	261	Aileron	244 90 R
Aerostatic Exhibiting Devices	40 212	Mortar mixers.....	366 10+	Aim (See Sight)	
Skywriting.....	40 213	Mortar mixing processes.....	366 3+	Aiming	
Aerosteam Engines	60 200.1+	Heating or cooling combined		Direct sighting.....	33 227+
Aesculin	536 18.1	Boiling apparatus.....	99 409	Optical.....	356 247+
Affixing Apparatus		Canning apparatus.....	99 371	Radar, external device.....	342 61+
Label pasting and paper hanging....	156	Coffee and tea making apparatus....	99 287	Gun.....	342 67
Sheet metal container making.....	413	Congealed product producers.....	62 342+	Air (See Gas; Pneumatic)	
Afghan Blanket	D06 603	Congealed product producing.....	62 68+	Air injected liquid heaters &	
African Violets	PLT 264+	Cooking apparatus.....	99 348	vaporizers.....	122 5.51
Afterburner, Reaction Motor With	60 761+	Cooled heat transfer liquid.....	62 435	Airbag passenger restraints.....	280 728.1+
Aftertreatment of Polymers		Cooled withdrawable liquid.....	62 392	Aircooled engines.....	123 41.56+
Chemically from ethylenic		Drying gas agitator.....	34 241	Analysis.....	73 31.01
monomers only.....	525 326.1+	Gravity flow tube drier.....	34 166	Auxiliary inlet carburetors.....	261 DIG. 1
Physically.....	528 480+	Heat exchange apparatus.....	165 109.1	Blast or suction	
Agar	536 3	Heating furnace.....	432 80	Dispensed material entraining....	222 630+
Age Hardening		Kiln zigzag flow.....	34 203+	In conduit or guide.....	406
Ferrous alloys.....	148 622+	Mixing.....	366 144+	Dispensed material propelling....	222 195
Nonferrous alloys.....	148 559+	Mortar mixer heater or cooler.....	366 22+	Fiber liberation.....	19 9
Permanent magnet material.....	148 102	Processes.....	366 7	Filter cleaning.....	210 407
Agglomerating		Open top liquid heating vessel....	126 387.1	Solid material comminution	
Apparatus.....	425 222	Rotary drier.....	34 108+	apparatus.....	241 38+
Inorganic compounds.....	23 313 R+	Stationary receptacle drier.....	34 179+	Solid material comminution	
Metal powder or scrap.....	425 222	Vibrating drier.....	34 164	process.....	241 15+
Ores.....	75 746+	Zigzag flow drier.....	34 171+	Blast or suction cleaning	
Preventing		Insect catcher		Blast only.....	15 405+
Agents.....	252 381+	Oscillating plant leaf agitator.....	43 143	Both blast and suction.....	15 345+
Comminution combined.....	241 16	Rotating plant leaf agitator.....	43 142	Convertible type.....	15 328+
Aggregate and Pellet	425 DIG. 101	Liquid heater cleaner.....	122 380	Ejectors for unstacking	
Composition for making mortars....	425 DIG. 101	Liquid jet.....	366 167.1+	articles.....	414 795.5
concrete, or artificial stone.....	425 DIG. 101	Amalgamator agitator.....	209 66	Installed or fixed position	
Agitating (See Compacting; Jarring, Jogging, Mixer, Stirrer, Vibrators) 366		Dispensing assistant.....	222 195	devices.....	15 301+
Abrading tumbler.....	451 326+	Flotation apparatus.....	209 170	Methods.....	134
Processes.....	451 32+	Fluid current conveyor.....	406	Tube blowers.....	15 316.1+
Sand blast combined.....	451 85+	Injector for gas and liquid		With dirt filter.....	15 347+
Agitator discharging.....	366 184	contact.....	261 76+	With mechanical agitator for	
Receptacle moving.....	366 187	Mortar mixing apparatus.....	366 10	work.....	15 363+
Agitator feeding to.....	366 150.1+	Mortar mixing processes.....	366 3	Blow molding needle or nozzle.....	425 535
Condition responsive control of....	366 151.1+	Multiple jet gas and liquid		Circulating shoe.....	36 3 R
Liquid injector in mixing		contact.....	261 40+	Cleaner (see air purification)	
chamber.....	366 167.1	Multiple screen sifter.....	209 312	Compressors.....	415
Suction.....	366 163.1+	Radiant energy treatment		Conditioning (see cooling; drying;	
Tangential to mixing chamber....	366 165.1+	combined.....	250 428+	disinfection; filter; heat;	
Agitator mixing chamber movable....	366 219+	Reciprocating sifter.....	209 321	moistener; purifying; sterilizing) ...	D23 351+
Oscillating.....	366 237+	Sifter cleaner.....	209 380	Cooling.....	62 404+
Rotating.....	366 220	Superposed screen sifter.....	209 318	Air coolers.....	261 DIG. 43
Agitator mixing chamber stationary.	366 341	Separator		Aircooling.....	261 DIG. 3
With stirrer.....	366 241	Amalgamators.....	209 50+	Automatic.....	62 186+
Agitator plural mixing chamber		Centrifugal filter.....	210 360.1+	Compressing and expanding.....	62 401+
Mortar.....	366 14	Electrical or electrical and		Apparatus.....	62 401+
Moving.....	366 235	magnetic apparatus to separate		Automatic.....	62 172
Rubber & heavy plastic.....	366 91	or purify liquid.....	204 660+	Process.....	62 86+
Agitator stirrer.....	366 343+	Filter.....	210 407	Processes.....	62 89+
Cover combined.....	366 242+	Liquid suspension.....	209 155+	Dielectric capacitor.....	361 326+
Rotatable.....	366 279+	Magnetic.....	209 225+	Disinfecting or sterilizing.....	422 4
Bathubs.....	4 584+	Sifter.....	209 233+	Apparatus.....	422 120+
Bearing lubricant.....	384 395	Spittoons.....	4 278	Using heat transfer other	
Axle bearing.....	384 384	Textile		than air.....	422 38
Churn butterworker combined.....	99 459	Fluid treating.....	68	Displacement	
Coating implement combined.....	401 4	Fluid treating processes.....	8 159	Funnels.....	141 297+
Comminuting combined.....	241 98	Vibratory support or receptacle.....	366 108+	Portable receptacle filling.....	141 37
Concentrating evaporator.....	159 25.1	Dispenser part.....	222 196+	Distributor	
Distillation apparatus combined.....	202	Drying apparatus.....	34 164	Register baseboard.....	454 287+
Distillation processes combined.....	201	Filled bag or receptacle.....	53 525	Register ceiling.....	454 292+
Distillation processes combined.....	203	Gas generator fuel.....	48 85.1	Register floor.....	454 289+
Electrode agitator.....	204 222+	Heat exchange receptacle.....	165 86+	Sweeping type.....	454 285
Liquid electrode.....	204 221	Movable dispensing container.....	222 161	Wick type fuel burner.....	431 298+
Rotary receptacle.....	204 213+	With glass making apparatus.....	65 178	Drying.....	95
Electrolytic cell.....	204 273	Agraffe	84 211	Compositions.....	252 194
Diaphragm type.....	204 261	Agriculture & Agricultural (See Plants, Animal, or Implement Type)		Ejection.....	425 DIG. 102
Feeders and conveyors		Implements		Feeding (see air mixer)	
Article dispensers.....	221 200+	Design.....	D08 1+	Filled nuclear counter.....	376 108+
Comminutor feeder.....	241 249	Dibbles.....	111 99	System.....	250 374
Dispensing.....	222	Fruit gatherers.....	56 328.1+	Flow meter.....	73 861+
Fluid current conveyor.....	406 86+	Hand cultivators.....	172 371+	Heating.....	126 99 R+
In intake receptacle.....	406 134+	Hand cutters.....	56 239+	Industrial blast stoves, etc.....	432 214+
Gravity flow drier.....	34 166	Hand rakes.....	56 400.01+	Impregnating inhaler.....	128 203.12
Kiln feeder.....	34 203	Machinery		Inductor.....	336 199+
Reciprocating conveyors.....	198 750.1+	Boring or penetrating the earth ..	175	Instruments.....	33 DIG. 2
Pushers.....	198 736+	Diggers.....	171	Line lubricators.....	261 DIG. 35
Sifter feeder.....	209 245	Digging & recovering buried		Manifold.....	198 955*
Stationary receptacle drier.....	34 179	objects.....	171	Mattresses.....	5 706+
Fuels and oils		Harrows.....	172	Mixer	
Cracking assistant.....	208 146+	Harvesters.....	56	Gas heating illuminating.....	48 180.1+
Distillation assistant.....	201	Hydraulic & earth engineering....	405	Internal combustion engine.....	123 527+
Gas generator fuel.....	48 85.1+	Not hand-held.....	D15 10	Liquid contact.....	261
Oil distillation process.....	208 347+	Planters.....	111	Solid contact.....	34
				Ventilators.....	454 261+

Class Subclass		Class Subclass		Class Subclass	
Moistener.....	261	Control automatic.....	244 175+	Gas cell construction.....	244 128
Cabinet combined.....	312 31+	Crash signal.....		Hull construction.....	244 125
Fireplace attachments.....	126 508	Radio.....	342 385+	Load attachment.....	244 127
For vehicle.....	454 157	Water dye.....	116 211	Moorng devices.....	244 115+
Furnace hot air.....	126 113	Design.....	D12 319+	Propulsion and sustenance.....	244 24
Heat exchanger combined.....	165 60	Dirigible.....	244 24+	Skin construction.....	244 126
Radiator combined.....	237 78 R	Discharging.....	244 137.1+	Airway Traffic Control Systems	
Slow diffuser.....	239 34+	Inflatable evacuation slide.....	244 905*	Beacons	
Stovepipe attachments.....	126 313	Drop bomb retarders.....	102 386+	Electric signaling.....	340 947+
Ventilating floor register.....	454 291	Flares parachute.....	102 337+	Illuminating.....	362 35
Ventilating wall register.....	454 337	Gas & liquid contact apparatus.....	261 DIG. 2	Radar type.....	342 385+
Window ventilator.....	454 223	Ground effect.....	180 116+	Rotating.....	342 398+
Monitor radioactivity.....	250 374+	Gun sights.....	89 41.21+	Mechanical.....	116 28 R+
Motor expansible chamber.....	91	Gyroplane.....	244 17.11+	Radio	
Dental plugger.....	433 120	Hang glider.....	244 900+	Beacon.....	342 385+
Turbine.....	415	Hangar.....	52 86+	Course.....	342 407+
Wind.....	416	Movable wall.....	52 64+	Glide slope.....	342 410+
Pillows.....	5 645	Helicopter.....	244 17.11+	With position indicating.....	342 456
Plane (see aircraft).....	244	Ice prevention.....	244 134 R	Aisle	
Plugger dental.....	433 120	Jet propulsion.....	60 200.1+	Inter-aisle article transfer.....	414 266+
Port (see airport).....		Kites.....	244 154	Ajmaline	546 40
Pressure indicator.....		Landing gear or strut.....	244 100 R+	Alanine	562 575
Pressure gage.....	73 700+	Spring.....	267 2+	Alarm (See Monitor; Signal)	
Tire deflation.....	116 34 R	Lift modifiers.....	244 198+	Boiler.....	122 504.2
Propeller.....	416	Lights.....	362 470+	Burglar	
Aircraft type.....	416	Loading.....	244 137.1+	Electric, approach operated.....	340 541+
Pump (see pump).....		Locating lights.....	362 470+	For vehicle.....	340 426.1+
Purification.....	95	Maintenance vehicle.....	D12 14+	Mechanical.....	116 75+
Chemical.....	423 210	Mines aerial.....	102 405	Clock.....	368 244
Raid shelter.....	109	Mobile stair for boarding.....	D34 30	Electrically driven.....	968 580+
Screw.....	416 176	Model airplane systems.....	244 190	Mechanically driven.....	968 229+
Separator.....	96	Motion retarding device.....	244 113	Closure position.....	49 13+
Cleaning.....	55 282+	Parachute.....	244 142+	Coffin.....	340 573.1+
Speed measurement.....	73 181+	Motor mount.....	248 554+	Design.....	D10 106
Suction cleaning.....	15 300.1+	Navigation instruments.....	73 178 R+	Gas	
Supply device for breathing.....	128 204.18+	Operator training or testing.....	434 30+	Electrical.....	340 632+
Combined with fire fighting		Radio navigation simulation.....	434 239+	Mechanical.....	116 67 R
nozzles.....	239 270	View simulation.....	434 38+	Heat exchanger combined.....	165 11.1
Support for shaping-treating item.....	425 DIG. 2	Ordnance mounts.....	89 37.16+	Light responsive.....	340 600+
Syringe thermal medicator.....	604 113+	Pilot operated.....	244 220+	Photoelectric system.....	250 200+
Tank		Pilotless control.....	244 190+	Lock combined.....	116 8+
Filling portable receptacles.....	141	Propeller or airplane system.....	60 904*	Design.....	D08 332
Fluid pressure dispenser.....	222 394+	Pyrotechnic.....	102 335+	Noise exposure.....	340 540
High pressure.....	220 581+	Radio beacon for.....	342 385+	Over telephone circuit.....	379 37+
Ship raising.....	114 52+	Radio controlled radar.....	342 36+	Pipe joint combined.....	285 93
Spring wheels.....	152 10	Radio course or bearing for.....	342 407+	Register mechanism.....	235 128
Tire inflater.....	222 3+	Radio glide slope.....	342 410+	System electrical.....	340 500+
Tire inflater wheel carried.....	152 418+	Radio receiver.....	455 345	Valve combined.....	137 558
Testing apparatus.....	73 37+	Rockets.....	102 384	Watches.....	368 244
Tracer for pattern control.....	409 126+	Simulations		Alathon T M (Polyethylene)	526 352
Vehicle heating effected by		Inflatable toys.....	446 225	Album	281
circulating air.....	237 12.3 A	Velocipede.....	280 1.21	Book binder sheet.....	402 79
Washing apparatus.....	261 75+	Velocipede occupant propelled.....	280 1.12	Design.....	D19 26+
Air Brake		Stores ejectors.....	244 137.4	Fasteners.....	24 2
Fluid pressure operator.....	188 151 R+	Bomb, flare, or signal.....	89 1.51+	Phonograph record	
System control.....	303	Streamlining.....	244 130	Cabinet type.....	312 9.1+
System testing.....	73 39	Structural element strength		Folder carrier indicia.....	40 359
Vehicle fender combined.....	293 5	measurement.....	73 802	Package type.....	206 311
Vehicle momentum responsive.....	188 141	Take off condition measuring.....	73 178 T+	Albumin	530 362+
Air Brush		Take off signal calculation.....	701 15	Coating or plastic compositions.....	106 124.1+
Air Conditioning (See Cooler)		Towed target.....	273 360+	Foods containing.....	426 656
Air Gun		Toys.....	446 230+	Tests for.....	436 88
Air Hammer Motor		Design.....	D21 447+	Alcamine (See Alkamine)	
Noise muffler.....		Flying.....	446 34+	Alcohol	568 700+
Air Lock		Ultralight.....	244 900+	Aldehyde.....	568 496+
Caissons.....	405 9	Airfield	244 114 R+	Amines.....	564 503+
Closures for.....	49 68	Airflow Responsive Switch	200 81.9 R	Beverages.....	426 592
Diving bell combined.....	405 192	Airfoil		Apparatus.....	99 275+
Pneumatic conveyer.....	406 169	Construction.....	244 123.1+	Automated open bar.....	705 15
Air Wick T M Composition		Lift modifiers.....	244 198+	Breath alcohol.....	436 900*
Dispenser.....	239 44+	Railway traction regulator.....	105 74	Distillation	
Airbag Passenger Restraints		Shape.....	244 35 R+	Processes.....	203
Steering wheel mount.....	280 777	Airing Device for Bedclothes	5 506.1	Stills.....	202 232+
Aircraft (See Airship; Balloon)		Airport		Systems.....	202 152+
Air cushion.....	180 116+	Airway signs, ground indicia.....	40 217	Electrolytic production.....	205 450+
Air intake guard.....	55 306	Arrangement landing field.....	244 114 R	Ether.....	568 672+
Altitude indicator.....	33 328+	Bulletin boards.....	40 446+	Fermentation.....	435 161+
Angle or direction instrument.....	D10 67	Electric signaling systems.....	340 945+	From olefines.....	568 895+
Artillery.....	89	Electronic baggage management.....	705 5	Fuel containing.....	44 436+
Synchronized with propeller.....	89 133	Electronic tickets.....	705 5	Hydrogen purification using.....	585 864
Autogiro t m.....	244 17.11+	Making reservations from.....	705 6	Hydrometers.....	73 32 R+
Toys.....	446 36+	multiple locations.....	705 6	Stove.....	126 43
Autorotating wing.....	244 17.11+	Radio		Treatment	
Balloons.....	244 31+	Beacon for.....	342 385+	Aging for beverages.....	426
Gas cell construction.....	244 128	Course or bearing.....	342 407+	Aldehyde	568 420+
Boarding stairs design.....	D34 30	Glide slope.....	342 410+	Acyclic.....	568 448+
Bomb sights.....	33 229	Security by metal detector systems.....	340 568.1+	Amine.....	564 502
Buildings.....	52 86+	Traffic analysis computerized.....	701 120	Amine or ammonia reaction product.....	564 248
Tent.....	135 87+	Traffic control systems(see airway)		Aromatic.....	568 425+
Cabin air pressure maintenance.....	454 71+	Airship (See Aircraft)		Cellulose ether or ester	
Cable or rail mounted.....	104 23.1+	Cabin pressure control.....	454 71+	composition containing.....	106 169.33+
Carrier,ship.....	114 261+	Control.....	244 96	Fatty acid or ester containing.....	106 169.33+

Class Subclass		Class Subclass		Class Subclass	
Fatty acid or ester containing	106 170.26+	Phosphates	423 304+	Scintillation type	250 361 R+
Fuel containing	44 437+	Preparation	75 745	Hand counter	250 374
Hydrogen purification using	585 864	Pyrometallurgy	75 589	Proportional counter	376 153+
Polymer (see synthetic resin or natural rubber)		Solvents, sodium chloride & potassium chloride	422 902*	Similar counter tubes	313 93
Sulfonic acid aromatic	562 46	Sulphates	423 551	System	250 374
With carboxylic acid esters		Nitrates	423	Scintillation detector	
Acyclic	560 174+	Organic	260	Crystal mounting	250 361 R
Alicyclic	560 126	Oxides		Electric	250 361 R
Aromatic	560 51+	Packing	206 524.1+	Non-electric	250 483.1
Aldols	568 496+	Secondary battery		With sample holder	250 361 R+
Aldosterone	552 588	Chromium cobalt or cadmium	429	Survey meters	250 374
Aldoximes	564 253+	Iron	429	Electric	250 361 R
Ale (See Beer)		Nickel	429	Nonelectric	250 483.1
Alfaifa	426 636	Alkaline Earth		Scintillation type	250 361 R+
Alfin Catalysts	526 175	Carbonates	423 430+	Alpha Globulins	530 392
Algae		Oxides and hydroxides	423 635	Alphabet	
Compositions		Pyrometallurgy	75 605+	Block	434 172
Edible products from	426	Silicates	423 326	Design, type	D18 24+
Single cell protein	435 804*	Sulfates	423 554+	Letter training	434 159+
Protein extracts from	530 370	Sulfides	423 554	Playing cards	273 299
Multicellular algae, culturing apparatus and methods	47 1.4	Alkaloids		Specialized font	382
Algae, per se, culture methods	435 257.1+	Biocides containing	424	Stencil	101 127+
Species cross-reference	435 946*	Cinchona	546 134+	Alphanumeric	
Transformants	435 257.2	Ergot	546 67+	Display	
Algicide	504 150+	Medicines containing	424	By matrix	345 59+
Algin	536 3	Radionuclide containing	424 1.11+	Cathode ray tube	345 25+
Algoecide Algicide	504 150+	Opium	546 44+	Altars	81
Alicyclic Carboxylic Acid Esters	560 1+	Solanum	546 124	Design	D06 329+
Alicyclic Hydrocarbon	585 22+	Tobacco	546 279.4	Alternating Current (See Type of Equipment Using)	
Purification of	585 800+	Undetermined constitution	424 195.15	Converters to direct current	363
Synthesis of	585 350+	Alkamine		Electromagnet with armature	335 243+
Alignment		Acyclic	564 503	Electromagnetic switches	335 99+
Screw drivers	81 451+	Alkanolic esters	560 253	Generator	310 159+
Tools for radio	81	Monocyclic carboxylic acid esters	560 110	Prime mover driven	290 5
Alizarin	552 261	Monocyclic carboxylic acid esters	560 106+	Lamp or electronic tube	315 246+
Alkadiene (See Diolefin)		Nitro carboxylic acid esters	560 20+	Meter	324 137+
Alkali		Nitro carboxylic acid esters	560 156	Motor	310 159+
Aluminates	423 600+	Alkane (See Hydrocarbon; Paraffin)	585 700+	Polyphase to arc lamp	314 31
Amids	423 351	Alkenes (See Olefines)		Polyphase to lamp or electronic tube	315 137+
Carbonates	423 421+	Alkines (See Acetylene; Triple Bond Hydrocarbon)		System	
Carbonates	423 419.1+	Alkyd Resins (See Synthetic Resin or Natural Rubber)		Telautograph	178 19.06
Preparation by electrolysis	205 480+	Alkylate Detergent Synthesis	585 455+	Telegraph	178 66.1+
Chemical agents for absorbing	252 193	Alkylation		Transmission	307
Earth metal (see alkaline earth)		Acyclic hydrocarbons	585 709+	Alternating Mechanical Motions (See Gearing)	74
Alloys	420 415	Alicyclic hydrocarbons	585 375	Alternator Structure	310
Lead	420 564	Aromatic hydrocarbons	585 446+	Altimeter (See Altitude Instrument)	D10 70
Carbonates	423 430+	Mineral oil	208 46+	Electrical echo systems	367 87+
Crystallization of compounds	23 304	Phenols	568 780+	Radio wave systems	342 120
Electrolytic synthesis	205 402+	Allantoin	548 318.1	Altitude Instrument	
Halides	423	In drug	514 390	Barometric	73 384+
Hydroxides and oxides	423 635	Allochiral Arrangements		Design	D10 70+
Electrolytic synthesis of	205 508	Bulb or tube special package	206 422	Directional radio	342 462
Electrolytic treatment of	205 762	Closure actuators	49 299	Light ray type	33 282
Mercury alloys by electrolysis	205 558	Closure link system	49 111+	Aerial bomb sight	33 229
Nitrates	149	Tool with series of teeth	83 852	Optical	356 3+
Containing	149 61+	Tool-face, metal deforming	72 198	Solar position locator	33 268+
Explosive	149	Alloy		Telescopes	359 399+
Organic compounds	260	Age or precipitation hardened	148 405	Vertical and horizontal angle	33 281
Oxides	423 635	Amorphous	148 403	Vertical angle	33 282+
Peroxides	423 583	Bearing compositions	508 100+	Passive sonic or supersonic object detection type	367 118+
Phosphates	423 305+	Compositions	420	Radiant energy	342 120+
Pigments fillers or aggregates	106 461+	Making when casting	164 55.1+	Radioisotope	340 870.01+
Pyrometallurgy	75 605+	Continuously casting	164 473	System	340 870.1
Refractory compositions ctg	501 123+	Deformation of	72 700*	Sonic or supersonic echo system, ie active sonar	367 87
Sulphates	423 554+	Dispersion strengthened	75 951*	With position indicating	342 462
Hydroxide preparation	423 641	Electrodes for electrolytic apparatus	204 293	Alto	
By electrolysis	205 508+	Electrolytic		Wind instrument (see instrument)	
Metal		Coating from aqueous bath	205 234+	Alum	423 544+
Alloys	420 400	Synthesis from aqueous bath	205 557+	Alumina	423 625
Lead	420 564	Synthesis from fused bath	205 363+	Refractory containing	501 127+
Carbonates	423 419.1	Treatment	205 704+	Magnesium compound combined	501 118+
Chemical agents containing	252 192	Electron emissive cathode of	420	Aluminates	423 600+
Chemical agents for absorbing	252 193	Ferrous (see ferrous alloys)	420 8+	Aluminosilicate	
Crystallization of compounds	23 302 R+	Iron	420 8+	Alicyclic compound synthesis	585 475
Electrolytic synthesis from fused bath	205 367+	Loose metal particles	75 255+	By isomerization	585 481+
Electrolytic synthesis of	205 560+	Mechanical memory	148 402	Compounds with plural metals	423 118.1
Electrolytic synthesis of hydroxides and oxides	205 508+	Metal treatment	148	Saturated compound synthesis	585 722
Electrolytic treatment of hydroxides and oxides	205 704+	Metallurgy	420	Saturated compound synthesis	585 739
Halides	423 462+	Powder metallurgy		Silicon and silicon compounds	423 +
Hydroxides and oxides	423 592.1+	Processes	419	Unsaturated compound synthesis	585 533
Inorganic compound recovery	423 179	Products	75 228+	Unsaturated compound synthesis	585 666
Mercury alloys by electrolysis	205 558	Pyrophorous	420 416	Aluminum	
Nitrates	149	Railway surface track	238 150	Age hardening	148 694+
Explosive containing	401 118+	Shape memory	148 402	Alloys	420 528
Organic compounds	260	Alpha		Copper	420 529
Oxy-halogen salt	423 472	Beta gamma survey meter	250 336.1	Compounds	554 38
Explosive	149 77			Aluminates	423 600+

Class Subclass		Class Subclass		Class Subclass	
Azo compounds containing.....	534 692+	From organic acid acid halide		Loading.....	86 23+
Azoles containing.....	548 101+	or salt.....	564 394	Making.....	86 10+
Carbocyclic or acyclic		Halogenation or dehalogenation.....	564 412	Mines.....	102 401+
compounds containing.....	556 170+	Nitration.....	564 411	Narcotic containing.....	102 512
Diarylene ortho diketones		Nitrosation.....	564 410	Non-ricocheting.....	102 398
containing.....	552 209	Purification or recovery.....	564 497+	Ordnance.....	89
Diazine containing.....	544 225	Reduction.....	564 448+	Mechanical guns & projectors.....	124
Diazo compounds containing.....	534 562+	Ring alkylation or dealkylation.....	564 409	Powder bags.....	102
Halides.....	423 462	Separation of aromatic isomere.....	564 424+	Powder form.....	102 282
Higher fatty acids containing.....	554 76	Stabilized or preserved.....	564 5+	Projectile.....	102 501+
Inorganic.....	423	Aminimines	564 464+	Pyrotechnics.....	102 335+
Nitrides.....	423 409	Amino Acids	260	Receptacle.....	206 3
Organic.....	556 170+	Acyclic.....	562 553+	Body or belt attached.....	224 223
Chelates.....	556 175	Aromatic.....	562 433+	Sabots & rifling bands.....	102 520+
Clay or zeolite containing.....	556 173	Protein derived.....	562 516	Separated explosive constituents.....	102 705*
Metal.....	556 175	Tests for.....	436 89	Shells.....	102 473+
Sesquihalides.....	556 180	Amino Carboxylic Acid Esters		Testing.....	73 167
Oxazine containing.....	544 64	Acyclic.....	560 155+	Torpedoes, aircraft.....	244 14
Oxides.....	423 625	Alicyclic.....	560 125	Torpedoes, ships.....	114 20.1+
Proteins containing.....	530 400+	Aromatic.....	560 19+	Wads.....	102 448+
Pyridine nucleus compounds		Amino Optical Isomers		Well torpedoes.....	102 301+
containing.....	546 2	Racemization.....	564 302	Amorphous Alloy or Metal Stock	148 403
Sulphates.....	423 544+	Resolution.....	564 303	Amoxicillin	540 331
Thiazine containing.....	544 4	Aminophenols	564 305+	Ampere Meter	324 76.11+
Triarylmethanes containing.....	552 103	Aminoplast (See Synthetic Resin or		Amphetamine	564 381
Metal.....	205 323+	Natural Rubber)		In drug.....	514 654
Cleaning or etching combined....	205 213+	Aminopyrine	548 367.4	Amphibian Vehicles	
Electrolytic synthesis from		Ammeter	324 76.11+	Airborne.....	244 50
fused bath.....	205 372+	Ammonia		Fluid cushion.....	180 116+
Electrothermic processes.....	75 10.1+	Chemical agents for binding.....	252 193	Design.....	D12 324
Heat treatment.....	148 688+	Derivatives inorganic.....	423	Landing gear.....	244 101
Metal working using.....	29 DIG. 2	Developing.....	430 150	Ampicillin	540 336
Pigments.....	106 404	Machines.....	396 579	Ampicillin, in Drug	514 198
Plate.....	428 650+	Distillation processes.....	203	Amplidyne	322 92
Pyrometallurgy.....	75 671+	Electrolytic synthesis.....	205 552	Amplifier	
Amalgam Mixer, Eg Dental Filling...	366 602*	Gas generators.....	422 148	A c raw power or bias supply.....	330 114+
Amalgamator (See Mercury)		Medicator.....	128 203.12	Adjustable coupling impedance	
Coated surface adhesion.....	209 50+	Production.....	423 352+	Automatic.....	330 144+
Mercury suspension.....	209 174+	Soda apparatus.....	422 148	Automatic thermal.....	330 143
Other separators combined.....	209 12.1+	Stills.....	202 232+	Anode voltage control.....	330 128
Selective differentiation.....	209 48	Systems for distilling.....	202 152+	Anode voltage supply.....	330 202
Amantadine, in Drug	514 656	Ammonium		With input electrode bias.....	330 203
Amberlite T M (Ion Exchange Resins)	521 25+	Crystallization of compounds.....	23 302 A	Artificial line coupling.....	330 57
Ambulance	296 19+	Electrolytic synthesis of		Beam power.....	313 299
Ambulatory Pneumatic Splints	602 10	compounds.....	205 551	Diode.....	313 298
Amides	564	Fertilizer containing compounds.....	71	With beam forming electrodes.....	313 299+
Higher fatty acid.....	554 35+	Halides.....	423 470	Bias voltage control.....	330 129+
Sulphonated.....	554 42+	Nitrates.....	423 396	In feedback amplifier.....	330 96
Amidines	564 225+	Explosive or thermic		In push pull amplifier.....	330 182
Aromatic.....	564 244+	composition containing.....	149 46+	Bootstrap.....	330 156
N prime-aryl formamidines.....	564 245	Perchlorates.....	423 476	Bridge, wheatstone.....	330 146
Polyamidines.....	564 243	Explosive or thermic		Cascode type.....	330 72
Amidino Hydrazines or Hydrazones	564 226+	composition containing.....	149 76	Impedance network in coupling	
Amidoximes	564 229	Phosphates.....	423 305+	circuit.....	330 175
Amine	564	Quaternary.....	564 281+	Buffer.....	330
Acyclic.....	564 463+	Sulphates.....	423 545+	Radio transmitter with.....	455 91+
Aldehyde or ketone ctg.....	564 502	Ammonolysis	564	Bypass of an amplifier stage.....	330 151
Hydroxy or ether ctg.....	564 503+	Acyclic amine production.....	564 469+	Capacitive amplifier device system..	330 7
Plural amine ctg.....	564 511+	Anthraquinone alpha amine		Input.....	330 185
Sulfur.....	564 500+	production.....	552 238+	Interstage.....	330 177+
Unsaturated.....	564 509	Anthraquinone beta amine production	552 236+	L in anode or grid circuit.....	330 179
Aldehyde (see azomethine)		Aromatic amine production.....	564 395	L in series between stages.....	330 178
Aromatic.....	564 305+	Ammunition (See Cap; Magazine; Shell;		Output.....	330 192
Aralkyl.....	564 374+	Ordnance)	102	R in anode and grid circuit	
Aryloxy alkanol.....	564 349+	Armor piercing.....	102 517+	between stages.....	330 180
Aryloxy alkyl.....	564 347+	Belts.....	89 35.01+	R in series between stages.....	330 178
Benzyl.....	564 384+	Blasting.....	102 301+	Cascaded differently coupled stage..	330 152+
Diaryl amines.....	564 433+	Cartridges.....	102 430+	Including a cathode follower.....	330 153
Diphenyl ether or sulfides.....	564 430	Combustible.....	102 431+	Including an interstage	
Monocyclic.....	564 305	X-art collection.....	102 700*	resonant network.....	330 154
Phenethyl.....	564 376+	Holder.....	224 223	Including interstage	
Polycylo ring system.....	564 426+	Bandoleer.....	224 602	transformer coupling.....	330 154
Boron ctg.....	564 8+	Covered.....	224 239	Cascode.....	330 70+
Bonded directly to nitrogen.....	564 9+	Packing.....	86 47+	Cathode self biasing circuit.....	330 142
Boron-nitrogen rings.....	564 10+	Charge wave forming.....	102 305+	Cathode to cathode coupling of	
Carbocyclic.....	564 305+	X-art collection.....	102 701*	adjacent stages.....	330 89
Oxides.....	564 297+	Compression ignition.....	102 702*	Cathode to cathode feedback.....	330 88+
Phenol addition salts.....	564 280+	Coolants.....	102 704*	Class d type.....	330 251
Phosphorus bonded		Design.....	D22 112+	Combined with diverse type art	
Directly to nitrogen.....	564 12+	Belt or belt		device.....	330 1 R
In same ring.....	564 13	attachable holders.....	D03 224	Compressor thru bias control.....	330 129+
Indirectly to amino nitrogen.....	564 15+	Drop bombs.....	102 382+	Output.....	330 193+
Phosphorous in a ring.....	564 106	Explosive & thermic compositions		Phase inverter.....	330 117
Preparation		or charges.....	149	Push pull.....	330 119
Amination.....	564 395+	Explosive charge making.....	86	Compressor thru impedance control	330 144+
Dealkylation of secondary or		Explosive devices & ammunition.....	102	Interstage.....	330 158+
tertiary amine.....	564 486	Feeding devices.....	86 45+	Push pull.....	330 119
From amides.....	564 414	Firearms.....	42	Compressor thru thermal impedance	
From amides.....	564 488	Flechette.....	102 703*	control.....	330 143
From esters.....	564 393	Fuses, primers & igniting devices....	102 200+	Screen grid input.....	330 161
From esters.....	564 468	Heat shield.....	244 159.1+	Screen grid output.....	330 163
From heterocyclic compound.....	564 413	Heat shield.....	244 171.7+	Coupling from cathode	

Class Subclass		Class Subclass		Class Subclass	
Interstage.....	330 172+	Electrocardiograph.....	128 902*	Input responsive.....	323 302
Interstage transformer.....	330 168	Electrolytic.....	330 207 R	Linear.....	330 8
Coupling from grid.....	330 162+	Electromechanical transducer		Non-linear.....	307 401
Coupling from screen grid.....	330 162+	coupling element.....	330 174	Output responsive.....	323 249
Coupling impedance automatically		Positive and negative feedback		Self regulating.....	323 310
varied.....	330 144+	in push pull amplifiers.....	330 82	Voltage magnitude control.....	323
Diode.....	330 145	Positive and negative feedback		Screen grid voltage control.....	330 128
Electronic tube.....	330 145	in same path.....	330 101	Secondary emitter vacuum tube	
Thermal.....	330 143	Positive feedback included with		systems.....	330 42
Coupling network		cathode impedance feedback.....	330 93	Semiconductor device (see	
H filter.....	330 176	Push pull amplifiers.....	330 81+	amplifier, transistor).....	
Lattice filter.....	330 175	Electron beam tube systems.....	330 44+	Series energized tubes.....	330 70+
P i filter.....	330 176	Electronic tube as coupling		Sound.....	181
R c.....	330 180	element.....	330 164	Diaphragms and mountings.....	181 148+
T filter.....	330 176	Feedback.....	330 75+	Electromechanical audio.....	381 161+
Wheatstone bridge.....	330 175	Amplifier in feedback path.....	330 85	Megaphones.....	181 177+
Coupling to cathode		Filamentary cathode.....	330 206	Receiver telegraph.....	178 100
Bootstrap.....	330 156	Ac supply.....	330 115	Recording and reproducing.....	369
Input.....	330 186+	Plural.....	330 201	Speaker.....	381 111+
Coupling to plate or auxiliary		With input electrode supply.....	330 205	Stagger tuned.....	330 154
electrode.....	330 160+	Gas tube amplifying device system.....	330 41	Sum & difference amplifiers.....	330 69
Coupling to screen grid.....	330 160+	Guitar.....	84 723+	Testing amplifier condition.....	330 2
Current mirror type.....	330 257	Hum bucking in.....	330 149	Thermal impedance in amplifier	
Current mirror type.....	330 288	Indicating amplifier condition.....	330 2	signal path.....	330 143
D c coupling		Input.....	330 185+	Diode type.....	330 287
Cathode input.....	330 187	Input coupling.....	330 185+	Electrostatic field control.....	330 277
Cathode input interstage.....	330 159	Push pull.....	330 122	Feedback.....	330 291+
Cathode output.....	330 194	Integrated circuits.....	330 307	Four electrode type.....	330 307
Cathode output interstage.....	330 173	Interstage coupling.....	330 157+	Graded conductivity type.....	330 250+
Grid output.....	330 163	Push pull.....	330 120+	Input to collector.....	330 250+
Input.....	330 191	Light controlled or activated		Intrinsic zone.....	330 250+
Interstage.....	330 181+	means in amplifier system.....	330 59	Light control.....	330 308
Output.....	330 198	Magnetic linear.....	330 8	Negative feedback.....	330 293
Plate or aux electrode input.....	330 161	Magnetic switching.....	307 415	Neutralization by feedback.....	330 292
Push pull interstage.....	330 121	Magnetic voltage magnitude control		Plural channel.....	330 295
Design.....	D14 188+	External or operator controlled... ..	323 329	Plural input.....	330 295
Detector for avc.....	330 140	Input responsive.....	323 302	Plural output.....	330 295
Biased.....	330 138	Output responsive.....	323 249	Push-pull.....	330 262+
Triode.....	313 293+	Self regulating.....	323 310	Radiant energy bombarding.....	330 308
Differential.....	330 69	Magneto-resistive type amplifier		Three electrode type.....	330 309
Diode as coupling element.....	330 164	device.....	330 62	Unbalanced to balanced.....	330 301
Diode power pentode.....	313 298	Magneto-strictive means in		Volume control.....	330 278+
With two cathodes.....	313 5	amplifier system.....	330 60	Time constant circuit in bias	
Diode type.....	330 287	Magnetron systems.....	330 47+	control system.....	330 141
With plural power supplies.....	315 166	Masertype.....	330 5	Tone control automatic	
Direct coupled power.....	313 3	Measuring amplifier condition.....	330 2	Diode as variable coupling	
Distortion bucking in.....	330 149	Microphone.....	381 111+	impedance.....	330 145
Distributed parameter coupling.....	330 53+	Modulator-demodulator systems.....	330 10	Electronic tube as variable	
Diverse type amplifying devices.....	330 3	Neutralization by feedback.....	330 76+	coupling impedance.....	330 145
Dynamic coupled power.....	313 3	Neutralization by feedback		Feedback frequency selective	
Dynamo-electric rotary linear.....	330 58	transistor.....	330 292	network.....	330 109
Electric.....	330	Neutron.....	376 171	Feedback frequency selective	
Automatically varied impedance		Noise bucking in.....	330 149	network in cathode impedance.....	330 94
in feedback path.....	330 86	Output coupling.....	330 192+	Impedance control in feedback	
Auxiliary electrode.....	330 111	Push pull.....	330 122	path.....	330 86
Cascade amplifiers.....	330 98+	Parametric type capacitive reactor... ..	330 7	Phase shift means in feedback	
Cathode.....	330 87+	Parametric type distributed		amplifier.....	330 107
Cathode impedance feedback.....	330 87+	parameter solid element.....	330 5	Variable coupling impedance.....	330 144+
Cathode-cathode feedback.....	330 88+	Parametric type saturable core		Variable coupling thermal	
Combined with bias voltage		reactor.....	330 8	impedance.....	330 143
control of fl bi amplifier.....	330 85	Combined with meter.....	324 118	Tone control manual.....	330
Combined with bias voltage		Pentode.....	330	Input coupling adjustment.....	330 185+
control of signal amplifier.....	330 96	Pentode.....	313 300	Interstage coupling adjustment... ..	330 157+
Current and voltage feedback.....	330 102	Phase inverters.....	330 116	Output coupling adjustment.....	330 192+
Current feedback.....	330 105	Phase inverters.....	330 117	Plural amplifier channels	
Dc signal feedback path.....	330 97	Phase inverters transistors.....	330 301	different frequencies.....	330 126
In push pull amplifier.....	330 83	Piezoelectric crystal coupling		Potentiometer common to signal	
Electromechanical telephone.....	381 161+	element.....	330 174	and feedback path.....	330 108
Electronic tube type.....	330	Pilot current controlled.....	330 52	Push pull input coupling	
Frequency responsive.....	330 109	Plural amplifier channel systems.....	330 124 R+	adjustment.....	330 122
Frequency responsive cathode		Plural input sources.....	330 147	Push pull interstage coupling	
impedance.....	330 94	Plural output loads.....	330 148	adjustment.....	330 120+
Negative feedback.....	330 75+	Power supply.....	330 199+	Push pull output coupling	
Non-linear cathode impedance.....	330 95	Ac raw.....	330 114+	adjustment.....	330 122
Non-linear impedance.....	330 110	Control or regulation.....	330 127+	Unicontrol means.....	330 155
Phase shift means in loop path.....	330 107	Polyphase.....	330 113	Transducer linear.....	330 8
Plural channel amplifiers.....	330 84	Push pull.....	330 123	Transducer voltage magnitude	
Positive feedback.....	330 112	Push pull control or regulation... ..	330 123	control general.....	323
Pulse amplifier electronic.....	327 178+	Preselector.....	330	External or operator controlled... ..	323 329
Transformer.....	336	Printed circuits in amplifier		Input responsive.....	323 302
Transistor making		system.....	330 66	Output responsive.....	323 249
Apparatus.....	29 25.02	Protection means.....	330 298	Self regulating.....	323 310
Process.....	438	Push pull systems.....	330 118+	Transformer coupling	
Transistor system (see		Radio frequency.....	330	Additional impedance input.....	330 189
amplifier, transistor).....	330 250+	Power amplifier.....	330	Additional impedance interstage... ..	330 167
Transistor system non-linear.....	327	Shielded.....	330 68	Additional impedance output.....	330 196
Traveling wave tube systems.....	330 43	With gain control.....	330 129+	Additional reactive coupling.....	330 166
Traveling wave type		Resistance coupled.....	330 180	Adjustable inductance.....	330 169
tube structure.....	315 3.5	Resistive type amplifying device		Cathode input.....	330 186
Traveling wave type		systems.....	330 61 R	Cathode input interstage.....	330 158
tube structure.....	315 39.3	Saturable core reactor systems		Cathode output.....	330 193
Two way telephone repeater.....	379 338+	External or operator controlled... ..	323 329	Cathode output interstage.....	330 168

Class Subclass	Class Subclass	Class Subclass
In cascade differently coupled stages 330 154	Exhaust 141	Bridges
Input 330 188+	Filling 141 31	Arch 14 26
Interstage 330 165+	Medicament containing 424 451+	Suspension 14 21
Output 330 195+	Opener 451 540+	Building component 52 698+
Push pull input 330 122	Structure 215 47+	Cable rail 104 117
Push pull interstage 330 120	Surgical 604 200+	Cycle locked to 70 234
Push pull output 330 122	Hypodermic 604 415	Decoy 43 2+
Stagger tuned 330 154	Amprotopine, in Drug 514 534	Design D12 215
Structure input 330 190	Amusement Devices 472	Dredges
Structure interstage 330 171	Design D21 811+	Bank spud anchor 37 345
Structure output 330 197	Elevator 472 131	Bottom spud anchor 37 346
Tuned input 330 189	Roundabout 472 2	Drywall type 411 80.1+
Tuned interstage 330 167	Exercising devices 482	Earth control device combined 405 259.1+
Tuned output 330 196	Games 473	Expandable well type 166 206+
With shielding 330 170	Houses 472 136	Earth boring combined 175 230
Transistor system, non-linear 327	Illusionary 472 74	Fishing trolley 43 27.2
Transistor, linear 330 250+	Mechanical guns & projectors 124	Freight on freight carrier 410 101+
Balanced to unbalanced 330 301	Mirrors and reflectors 359 838+	Land 52 155+
Cascaded 330 310+	Nonprojectile game 463	Land vehicle anchors 188 7
Combined diverse type combined diode 330 299+	Projectile games 473	Marine structure to bed 405 224+
Combined with semiconductor diode 330 299+	Railway 104 53+	Marine type mines 102 411+
Common collector 330 250+	Car in wheel 104 77	Masonry 52 698+
Complementary types cascaded 330 310+	Roundabout stationary 472 1+	Pile 405 244
Complementary types parallel input 330 263+	Roundabout transported 472 3	Cast in situ enlargement 405 237+
Dc coupled cascaded 330 310+	Toys (see toys) 446	Pole base 52 292+
Travelling wave tube systems 330 43	Trip illusions 472 59+	Railway surface track
Twin triode power 313 301	Water guns 222 78+	Bolt 238 377
With two cathodes 313 6	Amyl	Clamp type rail anchors 238 343+
Unicontrol of coupling 330 155	Alcohol 568 840	Concrete for rail seat 238 265
Vapor tube amplifying device system 330 41	Chloride 570 181	Rail anchors 238 315+
Voltage delay in bias control amplifier 330 132	Mercaptan 568 61+	Screw pedestals 238 120
Volume control automatic 330	Nitrate 558 480	Sleeve type expanded by fastener 411 80.5+
Amplifier in feedback path 330 85	Amylaceous Material 127	Tie anchors 238 106
Anode voltage control 330 128	Fermentative analysis or testing 435 4+	Tie plate anchors 238 297+
Bias control 330 129+	Anabesine 546 193	Ship anchors 114 294+
Diode impedance variable 330 145	Anaerobic	Stovepipe 126 318
Electronic tube impedance variable 330 145	Cultivation 435 801*	Strand ends 24 122.6
Feedback 330 75+	Curing adhesive 156 322	Hoist rope 212 95
Power supply regulation 330 127+	Fermentation 435	Line driven planters 111 49
Push pull amplifier bias or power supply control 330 123	Fertilizer 71 10	Suspension bridges 14 21
Variable coupling impedance 330 144+	Sewage treatment 210 601+	Tank-car body 105 362
Variable coupling thermal impedance 330 143	And aerobic 210 605	Wall tile
Variable feedback impedance 330 86	Anaglyphs 359 464+	Andirons 126 298
Volume control manual	Analgic, audio 600 26+	And robot 901 1*
Anode voltage adjustment 330 128	Analogue Computer	Android 901 1*
Bias adjustment 330 129	Electrolytic tank for determining equipotential lines 235 61 R	Design D23 407
Cathode self bias adjustment 330 142	Analysis of Complex Waves 324 76.12	Androstenes 552 633+
Input coupling adjustment 330 185+	Analytical and Analytical Control Apparatus	Androsterone 552 641
Input coupling adjustment push pull amplifier 330 122	Chemical 422 50+	Anemometer 73 861.85
Interstage coupling adjustment 330 157+	Electrolytic 204 400+	Direction determination combined 73 170.01+
Output coupling adjustment 330 192+	Fermentation 435 286.1+	Anerobic Sealant Resin Compositions 523 176
Output coupling adjustment push pull amplifier 330 122	Fermentation 435 287.1+	Aneroid Barometers 73 386+
Potentiometer common to signal and feedback paths 330 108	Compositions 330 299	Anesthetic
Power or bias supply adjustment 330 127+	Electrical 330 299	Anesthesia gas scavenging system 128 910*
Power or bias supply adjustment in push pull amplifier 330 123	Electron microscope 330 299	Compositions 424
Unicontrol means 330 155	Human diagnostics 600 300+	Explosive devices containing 102 512
With high frequency structure 330 53+	Mass spectrometry 250 281+	Feeder 128 203.12
With long line 330 53+	Method	Anethol 568 658
With volume compression thru bias control 330 129+	Chemical 436 43	Angle Iron 52 831+
With volume compression thru impedance control 330 144+	Fermentative 435 3	Angle Measurement
With volume compression thru thermal impedance control 330 143	Using invisible light 250 336.1	Instrument proving or calibrating 73 1.75+
Amplitude Distribution 324 76.13	Using x rays 378	Photoelectric 356 138+
Comparison, compressional wave, geophysical 367 30	Analyzers (See Analytical and Sensing)	Of rotating shaft 250 231.13+
Limiter	Electric waves and harmonics 324 76.12+	Variable angle, with light conductor 250 227.3
Amplifier avc 330 129+	Cathode ray oscilloscopes 324 121 R	Angle Polysection Measure 33 1 AP
Clipper 327 309+	Mirror galvanometer	Measuring instrument D10 65+
Telephone system 330	Oscilloscopes 324 97	Angling (See Fishing; Trapping)
Amplitude Modulation 332 149+	Oscillographs 346 107.3+	Anhydrite Anhydrous Gypsum 106 775+
Analog carrier wave communications 455	Sound 73 584+	Calcining processes 106 765
Peak compressional wave, geophysical 367 29	Speech 704 200+	Plasters 106 772+
Pulse carrier wave communications 375 353	Financial	Aniline 564 305+
Pulse or digital communication 375	Automated credit or loan 705 38	Formaldehyde polymers (see synthetic resin or natural rubber)
Ampoule (See Container)	Refrigerator, sorbent type 62 495+	Animal
	Sound 181	Artificial 428 16
	Frequency components 324 76.12+	Having lights 362 124
	Wave separation 333 167+	Attack resistant stock 428 907*
	Analyzing (See Sensing)	Beds D30 118
	Finances 705 10	Bee culture 449
	Financial market 705 10	Blocking repelling or chasing 49 58+
	Job performance 705 11	Butchering 452
	Anastigmat Lenses 359 642+	Depilating 452 71
	Anatase 423 610	Calls and callers 446 397
	Anatomical Gauges 33 511+	With mouthpiece 446 207+
	Anatomy, Teaching 434 267+	Canopy frame supported by 135 90
	Anchor and Anchorage	Care and handling D30
	Animal powered apparatus 185 25	Catching and holding device 119 801+
	Bolt	Confining and housing devices 119 416+
	Concrete set type 52 698+	Birdhouse 119 428+
	Tapered expander in sleeve 411 57.1+	Cages 119 452+

Class Subclass		Class Subclass		Class Subclass	
Bird	119 459+	Electrical	340 815.4+	Orienting	343 757+
Coop	119 482+	Systems	340 286.11+	Pillbox	343 780
Experimental purpose	119 417+	Telephone switchboard	379 315+	Planar linear array	343 824
Hutch	119 482+	Mechanical	116 200+	Plural	343 893
Rabbit	119 483	Timer electric	340 309.16+	Polarization	
Kennel	119 482+	Train position	246 124	Converter combined	343 756
Paperboard shipping box	229 120.1+	Anode		Filter combined	343 756
Pen	119 502+	Electrolytic	204 280+	Polarizer	343 909
Perch for bird cage	119 468	Basket type cell	204 259	Potted	343 873
Perch for poultry	119 531+	Support	204 297.01+	Rabbit-ears	343 805
Permanent building	119 436+	Support combined	204 286.1+	Radio	
Rack	119 502+	Gas and vapor lamp	313 326+	Cabinet combined	343 702
Stall	119 516+	Plural consumable electrode eg arc	314 36+	Receiver, in	455 269+
Dips and sprays	424	Space discharge devices		Transmitter, in	455 129
Draft appliance	278	electronic tubes	313 326+	Reel type	343 877
Monorail vehicle	105 143	Anodic Oxidation	205 316+	Reflector	343 912+
Droppings handler	294 1.3+	Multiple layers	205 171+	Collapsible	343 915
Exerciser or toy	D30 160	Answer (See Question)		With reflector	343 833+
Extracts		Answer Back		Resonant v-type	343 809
Medicine containing	424 520+	Annunciator system	340 313+	Retractable into support	343 899
Ferriery	168	Telegraph system	178 4.1 B+	Rhombic	343 733+
Feed devices	119 51.01+	Antagonists	504 103+	Rod type	343 900+
Design	D30 121+	Antenna	D14 230+	Decorative element	52 301
Feeding method		Active antenna as reflector	343 832	Extensible	52 632
Crustacean	119 212	Aircraft, with	343 705	Motorized reel type extender	242 390.2+
Fish	119 230	Alarm combined	343 894	Reel	242 917*
Mollusk	119 242	Moving means for scanning	343 760	Support for	248 511+
Fertilizer	71 15+	Array	343 700 R+	Telescoping	343 901+
Bones	71 19+	Automobile, with	343 711+	Vehicle attached	52 110
Fishing, trapping, & vermin		Balanced v-wave	343 735	Rotator	D14 237
destroying	43	Biconical horn	343 773	Scanning	343 757+
Food	426 635+	Body attached or carried	343 718	Shield, with	343 841+
Apparatus	99	Bracket supported	343 892	Signal measuring structure, with	343 703
Design	D01	Cage	343 896	Skirt	343 829+
Mixer	366 603*	Clover leaf type	343 741+	Sleeve type	343 790+
Protein	426 635+	Coated	343 873	Slot type	343 767+
Grooming	D30 158+	Cone	343 829+	Space discharge device, with	315 34
Harness	54	Connectors for electrical	439	Space discharge device, with	343 701
Husbandry	119	Counterpoise, with	343 846+	Spiniferous	343 899
Design	D30	Coupled to plural lead ins	343 858	Spiral	343 895
Marker	40 300+	Coupling for electrical	333 24 R+	Scanning	343 759
Design	D30 155	Plural channel	333 1+	Steering	342 368+
Medicines for treating	424	Coupling, with	343 850+	Wheel	343 829+
Radionuclide containing		Design	D14 230+	Stub	343 831
composition	424 1.11+	Dielectric lens	343 911 R	Submerged	343 719
Poisons	424	Dielectric type	343 785	Support for	248
With food bait	424 410	Dipole	343 793+	Support for	211
Pokes	119 758+	Folded	343 803+	Support, with	343 878+
Preserving or mounting including		Director	343 912+	Electric stress distributing	343 885
teaching taxidermy	434 296+	Doublet balanced	343 793+	Static discharge	343 885
Releasing apparatus	119 423+	Drooping ground plane	343 829+	Streamlined support	343 887
As target	119 427	Duplex system, in	370 276+	Support rotatable	343 882
Saddlery	D30 134+	Electromagnetic wave refractor	343 753+	Sweeping	343 757+
Shears	30 194+	Embedded	343 873	Switch for	200
Shelter or pen	D30 108+	Filter in an active antenna	343 722	Switch, with	343 904
Shipping crates	D30 109+	Filter in coupling, with	343 850+	Switching between antenna and line	343 876
Stop in building	52 101	Fishbone	343 811	Telescoping	343 901+
Stop in sewage system	210 131	Foundry	164 374+	Tower type	343 874+
Taming or training devices	119 712+	Ground plane	343 829+	Transceiver, in	455 82
Tissue treatment	8 94.1 R+	Grounding structure combined	343 846+	Transmission line for	174 68.1+
Toys	446 268+	Helical	343 895	Electrically long	333 236+
Traps	43 58+	High frequency loop	343 741+	Transmission line with	343 905
Design	D22 119+	Horn	343 786	Traveling wave	343 731+
Watering devices	119 72+	Housing, with	343 872+	Tuning	343 745+
Design	D30 121+	Ice clearer or preventer, with	343 704	Turnstile	343 797+
Whips & whip apparatus	231	Impedance matching, with	343 860+	Underground	343 719
Animal Cell Culture	435 325+	Plural path	343 852	Underwater type	343 719
Animal Cell Growth Media	435 404+	Indicator combined	343 894	Vehicle combined	343 711+
Animal Cell Per Se	435 325+	Moving means for scanning	343 760	Water-borne	343 709+
Animated Cartoons (See Motion Picture)		Insulators for	174 137 R+	Wave	343 731+
Animation	345 473+	Bushing type	174 152 A+	Guide type	343 772+
Anisidine	564 443	Inverted v-wave	343 736	Whip	343 900+
Ankle		Knockdown	343 880	Woven type	343 897
Protector	D29 121.2	Lens	343 909	Anthranthrones	552 284
Supports	602 65	Lens combined	343 753+	Anthracene (See Aromatic Hydrocarbon)	585400+
Anklets	2 239+	Lightning protector combined	343 904	Oxidation of	552 208
Annealing		Lightning protectors for		Purification of	585 800
Boxes	266 262+	Miscellaneous	361 117+	Anthracyclinones	552 201
Casting plus annealing in mold	164 122+	Spark gap type	313 325	Anthranilic Acid	562 458
Containers for material heated	432 254.1+	Thermal current	337 28+	Anthranols	552 271+
Glass apparatus	65 348+	Liquid column type	343 700 R	Anthrapyridones	546 76
Cutter associated	65 176	Loading	343 749+	Anthrapyrimidines	544 248
Glass making and	65	Loop	343 866+	Anthraquinodimethane	552 210
Glass process	65 117+	Collapsible	343 871	Anthraquinone Purification	552 208
Heating apparatus	432 120+	High frequency	343 741+	Anthraquinones	
Metal	148	Rotatable	343 869	Acridine nucleus containing	546 102+
Metal casting combined	148 538+	Making	29 600	Anthraquinonebenzocridones	546 58
Metal working combined	148 648+	Mast for	52 651.07+	Azo compound ctg	534 654+
Metallurgical apparatus	266 249+	Guy wire	52 148	Carbazole nucleus containing	548 416+
Annular Article, container for	206 303	Pivoted or extensible	52 111+	Dye compositions containing	8 675+
Annunciator and Systems	369	Mast type	343 874	Imidazole nucleus containing	548 300.4+
Drops	340 815.79+	Mesh type	343 897	Piperazines containing	544 380+

Class Subclass		Class Subclass		Class Subclass	
Pyrazole nucleus containing.....	548 356.5+	Appliance cords		Medicines.....	514 474
Pyridine nucleus containing.....	546	Extensible cords.....	174 69	Antisense	536 24.5
Pyrimidines containing.....	544 294	Springs.....	267 74	Antiseptics (See Disinfection; Preserving)	536 24.5
Triazines containing.....	544 187+	Antiknock		Compositions.....	424
Anthrimes	552 214	Cyclomatic compounds.....	556 1+	Human skin cleaning compositions	
Anthrone (See Anthraquinones) ...	552 271+	Engine accessories.....	123 198 A	combined.....	510 131+
Antiabrasion Cable Device	552 271+	Exhaust gas treatment.....	422 168+	Medicators.....	604 19+
Antiaircraft (See Gun)	174 136	Fuel combined with antiknock agent .	44 300+	Water softener combined.....	252 175+
Antibiotic Compositions	424	Gaseous compositions.....	252 373	Antiside Draft Device (See Equalizer)	
Antibodies	530 387.1+	Measuring knock.....	73 35.01	Animal draft.....	278 3+
Monoclonal.....	530 387.2+	Tetraalkyl lead.....	556 95	Harvesters.....	56 321
Anticaking Agents	252 381+	With preservative or stabilizer.....	556 3+	Antisiphon for Fluid Handling Systems	137 215+
Anticanibalism Devices for Poultry	119 713+	Antileak Joint	105 424	Antislip or Antiskid	
Anticathode	378 143	Anti-Lock Brake System	303	Compositions, coating or plastic.....	106 36
Anticorrosion		Speed control.....	303 121+	Horseshoe calks.....	168 29+
Compositions.....	252 387+	Valve control.....	303 113.1+	Ladder terminals and feet.....	182 107+
Coating or plastic.....	106 14.05+	Antimagnetic Timepiece	368 293	Overshoes.....	36 7.6+
Heat exchange fluid containing... ..	252 68	Antimicrobial Activity		Pavements.....	404 19+
Metal cleaning compositions		Fermentative analysis or testing.....	435 32	Block surface.....	404 19+
containing.....	510 245+	Antimony		Shoe	
Well treating.....	507 200+	Alloys.....	420 576	From foot.....	36 58.5
Magnetic field apparatus.....	422 186.02	Antimonates.....	423 592.1+	Tread.....	36 59 C
Metal protection		Carbocyclic or acyclic compounds		Supports	
Reactive coating.....	148 240+	containing.....	556 64+	Illumination.....	362 389
Within nuclear reactor.....	376 305	Halides.....	423 462+	Tires.....	152 208+
Mineral oil conversion combined.....	208 47	Oxides.....	568 477	Armored.....	152 167+
Silverware tray incorporated.....	206 553	Pigments fillers or aggregates.....	106 455	Track sanders.....	291
Vapor treating apparatus.....	312 31+	Pyrometallurgy.....	75 703+	Traction mats.....	238 14
Anticreep		Sulphides inorganic.....	423 511	Antismoking Product or Device	131 270
Rim and wheel.....	152 384	Antinoise		Antismut	
Spring wheel drive.....	152 66	Bed.....	5 309	Compositions, coating repellent.....	106 2
Wheel drive.....	152 68	Closure buffer.....	16 82+	Printing combined.....	101 416.1+
Tire and tube.....	152 500	Cranks and wrist pins.....	74 604	Slip sheet	
Antidotes	504 103+	Ear shields.....	128 864+	Apparatus.....	34 94
Antielectrolysis		Flywheels.....	74 574.1+	Processes.....	34 306
Electrical distribution system.....	307 95	Gears.....	74 443	Antisnoring	
Metal or metal alloy protection		Land vehicle		Body restraints.....	128 871
Apparatus.....	204 196.01+	Animal draft gear.....	278 61+	Chin supporters.....	602 902*
Electrolytic processes.....	205 724+	Axle connection.....	280 137.507	Mouth restraints.....	128 859+
Antiexplosion Agents	44 300+	Resonance vibration suppression	280 124.108	Antispasmodics	424
Explosive combined.....	149	Tongue.....	280 108	Antisplash	
Antifading Radio Receiver	455 504+	Levers and linkage.....	74 490	Vehicle mud guards.....	280 847+
Antifoaming		Lock mufflers.....	70 463	Antistatic	
Agents and processes.....	516 115+	Machinery support		Electrically conductive coating	
Devices for boilers.....	122 459	Bases.....	248 678+	compositions.....	252 500+
Antifouling Plastic Compositions ...	106 15.05+	Bracket.....	248 674+	Polymers treated (see class 523, 524)	
Antifreeze		Suspension.....	248 637+	Process for synthetic fibers.....	57 901*
Aircraft deicing.....	244 134 R	Resilient.....	248 610+	Antitheft Devices, Eg Locks	
Compositions.....	252 71+	Motor support vehicle.....	248 560+	Alarms.....	340 500+
Coating.....	106 13	Mufflers.....	181 212+	For vehicle.....	340 426.1+
Heating system protectors.....	237 80	Pawl and ratchet.....	74 576	Vehicle ignition disabling.....	307 10.3+
Tester.....	73 32 R+	Railway		Antithumb Sucking	128 857+
Treatment of solid fuel.....	44 601	Rolling stock.....	105 452	Antitoxins	424 85.1+
Antifreeze Agent Supply	138 34+	Track.....	238 382	Syringes.....	604 187+
Antifriction		Wheels.....	295 7	Antivermin	
Bearing.....	384 445+	Reaction motor nozzle.....	239 265.13	Animal treatment.....	119 650+
Compositions.....	508 100+	Rotary motors or pump.....	415 119	Perches fowl.....	119 532+
Fluid bearing combined.....	384 101+	Supports.....	248 562+	Antivibration (See Antinoise)	
Linear.....	384 7+	Typewriter		Anvil	D08 46
Plain bearing combined.....	384 126+	Muffler.....	400 689+	Assembling and disassembling.....	29 283
Closure guide.....	49 425+	Platen.....	400 661+	Blacksmith.....	72 476+
Compositions.....	508 110+	Antioronze Agent or Process	430 929*	Bolt and rivet making.....	470 208
Keepers.....	292 340+	Antioxidant		Hammer attached.....	72 407+
Locks.....	70 464	Compositions.....	252 397+	Hammer or press.....	72 462+
Antigen	424 184.1+	Edible oils and fats.....	426 601+	Hollow rivet setting.....	227 61+
Antigen, Chemical Modification of Protein	530 403+	Fats, fatty oils, fatty acids, ester type waxes.....	554 2+	Machine combined.....	29 560+
Antigen-Antibody Testing	436 500+	Polymers treated (see class 523, 524)		Nail extractor.....	254 19
In vitro.....	436 500+	Solid polymers containing (see synthetic resin compositions)		Pile or post.....	173 128
Enzyme labeled.....	435 4+	Antipanic Door Bolts	292 92+	Saw setting.....	76 73
Radionuclide containing		Antipecking Poultry Restraint	119 713+	Saw swaging.....	76 57
composition.....	424 1.11+	Antiphone Ear Sound Stoppers	128 864+	Tool driving.....	173 128
Antigen	424	Antipick Locks	70 419+	Vises combined.....	72 457+
In vivo.....	424	Antipicking Poultry Restraint	119 713+	Apa-6	540 312
Antiglare		Antipyrene	548 370.7+	Apartments	52 234+
Light projectors.....	362 351+	Antirachitic Vitamin		Rolling partitions.....	160 351
Mirrors and reflectors.....	359 603+	D compound.....	552 653	Hanging or drape type.....	160 350
Windows.....	359 609	Foods and processes.....	426	Aperture Card	493 944*
Windscreens.....	296 96.19	Medicines.....	514 167+	Apiaries	449
Antihalation Layer	430 510+	Antirattle		Apparel (See Type of Article Worn; Clothes)	2
Antihemorrhagic Composition	424	Lock.....	16 DIG. 6	Adornment, attachable.....	D11
Antiinduction		Keeper.....	292 341.12+	Apparatus.....	223
Cathode ray tube circuits.....	315 8	Window.....	292 76	Boot and shoe making.....	12
Inductor devices with shields.....	336 84 R+	Car.....	49 428+	Knitting.....	66
Resistors.....	338 61+	Antireflection Films	359 580+	Patterns.....	33 2 R+
Shielding tubes and spark plugs.....	315 85	Antiricochet Projectiles	102 398	Sewing.....	112
Telegraph interference balancing.....	178 69 B	Antiroosting Poultry Restraint	119 903*	Weaving.....	139
Telephone circuitry.....	379 416+	Antiscorbic Vitamin		Blouse, shirt.....	D02 840+
Transmission line.....	174 32+	C compound.....	549 315	Design.....	D02 896+
Antingestible	252 365+	Foods and processes.....	426 72+	Making.....	12
Antijimmy Locks	70 418				
Antikink Devices					

Class Subclass		Class Subclass		Class Subclass	
Cape, stole, shawl	D02 823+	Sealing wax.....	401 1+	arrester	361 117+
Catamenial and diaper	604 358+	Dispenser with heating means.....	222 146.2	Extinction or prevention in switch.....	200 10+
Design	D24 125+	Dispenser with illuminator or burner	222 113	Extinction or prevention in switch.....	337 110
Ceremonial robe	D02 739	Shaped cosmetic	132 320	Extinction or prevention in switch.....	218 1+
Cleaning		Sheet metal container making components.....	413	Feeding electrodes to.....	314
Brushing devices	15	Ship caulking.....	114 224	Fume condenser for.....	314 26+
Ironing or pressing	38	Skid chain	81 15.8	Fume flow director.....	314 26+
Methods	8 137+	Surgical clip.....	29 243.56	Furnaces	373 60
Washing devices	68	Tools for assembling/disassembling	29 700+	Induction	373 7
Coat, jacket, vest	D02 828+	Wire to articles	140 93 R+	Resistance	373 5+
Coat combined with dress	D02 760+	Winding on	242 430+	Resistance with induction.....	373 6
Collar making	83 901*	Winding on article	242 430+	Globes for	362 363
Containers for	206 278+	Winding on ring.....	242 434+	Lamps	313
Making	493 938*	Winding on stator.....	242 432+	Electrode composition	252 500+
Making garment bag.....	493 935*	Woodwork glueing and pressing	156	Electrode holder	403
Making with support.....	493 939*	Applique	428 914*	Electrode structure	313 326+
Costume	D02 741	Design	D05 63+	Hangers.....	362 416
Hosiery	D02 980+	Sewn	112	Manufacture.....	445
Negligees	D02 718+	Apricot Trees	PLT 186	Metal heating	219 121.11+
Design	D02 700+	Apron (See Associated Machine)		Metal heating and casting	164 250.1
Hosiery.....	D02 983+	Apparel	2 48+	In continuous casting apparatus	164 505+
Dress.....	D02 756+	Design	D02 861+	Plural diverse heating means	373 1
Exercise suit.....	D02 731+	Design, combined with dress.....	D02 775+	With induction	373 4
Female support undergarments	450 1+	Cigar and cigarette machine	131 47+	With resistance	373 3
Fire fighters	169 48+	Drawbridge	14 47	Projectors using.....	362 261+
Footwear	D02 896+	Dump car.....	105 279	Recorder	347 111
Hand coverings	D02 610+	Lathe	82 135+	Regulating consumable electrode	314
Headwear	D02 865+	Ship leak stopper	114 229	Regulating generally	315
Knitted	66 169 R+	Vehicle fender	293 41	Search light.....	362 261
Layout and measurement means	33 403+	Vehicle storm protector	296 77.1+	Shade or bowl supports for	362 433+
Footwear	33 4+	Aqua Regia		Space discharge devices, manufacture	445
Garments	33 11+	Metal cleaning composition containing	510 245+	Spot knocking	445 5
Leather manufactures	69	Aquaplanes (See Ski; Sled; Surfboard; Tobaggan)	441 65+	Stage spotlights	362 261+
Light thermal electrical treatment ...	607 149+	Design	D21 760+	Supply systems	315
Lingerie	D02 700+	Aquarium	119 245+	Suspended support for.....	248 317+
Locks for	70 59	Aerator	119 263+	Suspension supports for.....	362 391+
Marking & measuring instruments.....	33 2 R+	Cover.....	119 265+	Telegraph receiver	178 92
Neckwear	D02 600+	With light	119 266	Tip cleaner for	314 23+
Respirators	128 200.24+	Design	D30 101+	Tower or post for supporting	52 40
Skirt	D02 851+	Filter	210 416.2	Treating materials with.....	422 186.21
Stockings, socks	D02 980+	Combination.....	119 259+	Ventilator for	314 26+
Swimming suit	D02 731+	Illumination.....	119 267	Welding	219 136+
Tennis	D02 731	Immersion water heater.....	D23 316	Furnace	422 186.21+
Travel bags for	206 278+	Purification, closed circulating	210 167.21+	Chemical	219 138+
Undergarments	D02 700+	system	210 167.21+	Welding electrode holder	219 138+
Vestment	D02 739	Combination.....	119 259+	Gas lamp	313 567+
Appendage	425 DIG. 3	Aquasols (See Sol)		Circuit.....	315
Apple Trees	PLT 161+	Aquatic Animal Culturing	119 200+	Structure.....	313 567+
Appliances		Aquatic Devices (See Boats; Buoys; Lifesaving; Swimming)	441	Metal heaters	219 121.11+
Cooking	D07 323+	Aquatic Plant Destruction	504 150+	Saw machines	83 782
Food preparation, household	D07	Aqueducts	405 84	Slicer blade	144 167
Major household (see types)	D15	Aqueous Fluids		Welding	219 121.11+
Toy (design).....	D21 523+	Earth boring compounds	507 100+	Electrode	219 145.1+
Applicator		Aqueous Polymerization Systems (See Class 523, 524, 526)		Arch	52 86
Brushing	15	Arabinose	536 1.11	Arch bar bogie.....	105 204+
Material supply combined	401 268+	Araldite T M	528 87+	Bridge	
Coating by absorbent.....	427 429	Arbor (See Mandrel; Shaft)		Arch	14 24+
Coating by brush.....	427 429	Garden	47 44+	Truss and arch.....	14 2
Coating or cleaning implement	15104.001+	Press	29 251	Doorway	52 85
Material supply combined	401	Processes of making watch.....	29 896.31	Fire tube boilers	
Daubing.....	15	Watch and clock	368 322	Water arch	122 89
Dispenser combined	141 110+	Work	279 2.01+	Water arch subjacent	122 79
Electrical	607 115+	Arbutin	536 4.1	Furnace	110
Electrolytic	204 224 R	Arc		Arch per se	110 331+
Hair dye	D28 7+	Curved line scribes	33 27.01+	Door arch.....	110 181+
Hinesitherapy	601 1+	Straight line	33 26	Garden	47 44
Light	607 88+	Electric		Masonry	52 89
Loaders	15 257.05+	And incandescent lamp	313 8	Monolithic	52 88
Material supply combined	401	Blowout lightning arrestors.....	361 117+	Support for footwear	36 71
Medicators	604 19+	Blowout magnet	335 210+	Design	D02 961
Medicinal	D24 119	Arc system having	314 20	Shoe with	36 140+
Polishing	15	Electronic tube system having	315 344+	Ventilated	36 3 R
Material supply combined	401	Lamp having	313 153+	With bandage structure.....	602 66
Powder compact	132 293+	Switch having	218 22+	Archery	
Pad overlying material including	401 130	Chemical apparatus	422 186.21	Arrows and darts	473 578+
Separable from combined supply container.....	401 118+	With magnetic field	422 186.03	Blow guns	124 62
Thermal	607 96+	Chemical processes nitrogen	204 178+	Design	D22 102
Wiping	15	Chemical processes with magnetic field	204 156	Bow.....	124 23.1+
Appliers (See Applicator)		Consumable electrode eg lamp... ..	314	Compound	124 25.6
Abrading sheet.....	451 458	Consumption feed type	314 59+	Cross bow	124 25
Antiskid device	152 213 R+	Cored carbon lamp	314	Design	D22 107
Boot and shoe cement	118 410+	Economizer combined	314 25	Design	D22 107
Boot and shoe lining	12 39	Extinction in a fusible element actuated switch	337 273+	Elastic band guns.....	124 22
Box ball	493 88	Extinction in lightning		Architecture Teaching	434 72+
Box end enclosure	493 102+			Architrave	52 211+
Cigar and cigarette making	131 88+			Arctics Rubber	36 7.3
Hose clamp	81 9.3+			Area	
Label pasting and paper hanging	156				
Metallic leaf	156 540+				
Receptacle closure.....	53 287+				

Area	Class	Subclass	Area	Class	Subclass	Area	Class	Subclass
Calculators	33	121+	Railroad ties	238	95+	Hunting coats	2	94
Integrators	33	121+	Shields	89	36.01+	Controlled burner	126	52
Velocity integrators	73	227	Shields and protectors	109	49.5	Cooling		
Monitors			Port combined	109	58.5	Magazine type cabinet	312	36
Nuclear energy	250	336.1	Tires resilient	152	167+	Dispensing	221	
Scintillation type	250	361 R+	Vehicle	296	187.12	Magazine type	312	35
Areaway	52	107	Railway cars	105	394	Match and toothpick	206	102+
Arecoline	546	318	Ships	114	9+	Packages	206	233
Arena			Wall structure	109	78	Pellet pill tablet pocket use	206	528+
Amusement	472	92+	Armpit Shield	2	53+	With heating or cooling	221	150 R
For racing	472	85+	Fastener	24	903*	With treating means	221	135+
For wheeled or gliding vehicle	472	88+	Arms		D22	Handling (see process or machine		
Ice or roller skating rinks	472	88+	Making	89	1.151+	with which associated)	414	
Construction	D25	12	Making	42	16.1	Conveyors	198	
Lighting	362	227+	Aromatic			Hand or hoist line implements	294	
Areometers	73	441+	Hydrocarbon	585	24+	Land vehicle compartment	296	37.1+
Argol	562	585	Hydrogenation of	585	266+	Stacking		
Argon	423	262	Purification of	585	800+	Dispenser	221	175
Lamps	313	567+	Synthesis of	585	400+	Article Support Brackets	248	200+
Arithmetic Teaching	434	191+	Aromatization			Specially mounted or attached	248	205.1+
Calculators	235	61 R+	Hydrocarbon synthesis	585	407+	Corner	248	220.1
Arm			Mineral oil	208	46+	Interlocked bracket and support	248	220.21+
Artificial	623	57+	Arranging or Piling Apparatus (See			Post or column attached	248	218.4+
Phonograph	369	244.1+	Assembling; Placers)			Support being pierced or cut	248	216.1+
Acoustical	369	158	Article	414	788+	Articulated Fuel	44	531
Protectors	2	16+	Article unpling	414	795.4+	Articulator	433	54
Robot	901	*	Articles on conveyors	198	373+	Artificial Intelligence	706	1+
Signal			Bulk material by conveyor rotation	198	631.1	Aerospace		
Railway semaphore	246	482+	Bulk material by conveyors	198	633+	Control	706	905*
Vehicle direction	116	52+	Cigarette making combined	131	282	Diagnostics	706	913*
Arm Band	D02	624+	Conveyors from static support	198	508	Agriculture		
Arm Rest	248	118	Dried or gas treated material	34	518	Control	706	904*
Chair folding	297	35+	Horticultural tools	D08	1+	Diagnostics	706	912*
Chair or seat	297	411.2+	Piles arrangements holders or			Applications	706	902+
Chair reclining	297	323	spacers	206		Business	706	925*
Crutches	135	73	Sheet material associating or			Time management	706	926*
Land vehicle	296	71	folding	270		Cad	706	919*
Pianist	84	469	Stackers for fluid current			Case	706	922*
Sofa bed	5	52	conveyors	406		Communications		
Stringed instruments	84	328	Tobacco stringers or unstringers	414	26	Control	706	909*
Writing aid	248	118.1+	Type	276	36+	Diagnostics	706	917*
Armature			Array Processors	712	10+	Computer aided design	706	919*
Banding	310	271	Arrester			Computer aided software		
Process	29	598	Cash register key	235	26	engineering	706	922*
Winding	242	433+	Lightning	361	117+	Computer program preparation	706	922*
Coil	310	195+	Combined with fuse	337	31+	Computer, internal & network		
On closed ring	242	434+	Design	D10	105	Control	706	908*
Cores	310	216+	Loom letoff	139	111+	Diagnostics	706	916*
Dynamo	290		Loom take up	139	314	Construction industry	706	923*
Differential wound in arc lamp	314	76	Metallurgical fume	266	144+	Control or controllers	706	903+
Disk	310	268	Spark	110	119+	Aerospace	706	905*
Drum	310	265	Fixed whirler or rotator			Agriculture	706	904*
Multiple	290	6	deflector separators	55	447+	Communications	706	909*
Pole	310	269	Illuminating burners having	362	380	Computers	706	908*
Ring	310	267	Arrhythmia Detector	600	515	Electronic circuits	706	908*
Electromagnet	335	279+	Arrow	473	578+	Elevators	706	910*
Plunger type	335	255+	Carriers	224	916*	Machine tools	706	904*
Electromagnetic switch	335	80+	Design	D22	115	Machines	706	904*
Electromagnetic switch	335	95+	Making	473	578+	Manufacturing	706	904*
Electromagnetically actuated in			Sight	33	265	Power plant	706	907*
arc lamp	314	119+	Targets	273	348+	Process plant	706	906*
Fault tester	324	545+	Arsanilic Acid	556	74	Robot	706	904*
Growler	324	537+	Arsenic	423		Vehicles	706	905*
Making			Alloys	420	579	Design	706	919*
Commutator	29	597	Arsenates	423	602+	Diagnostics		
Electromagnet	29	602.1+	Azoles containing	548	102	Aerospace	706	913*
Rotor	29	598	Biocides containing	424	621+	Agriculture	706	912*
Manufacture of	29		Organic	514	504	Communications	706	917*
Massage device vibrator	601	46+	Carbocyclic or acyclic compounds			Computers	706	916*
Railway switch motor reciprocating	246	225+	containing	556	64+	Electronic circuits	706	916*
Railway switch motor rotary	246	240+	Halides	423	462+	Elevators	706	918*
Testers	324	555+	Medicines containing	424	621+	Machine tools	706	912*
Wedges	310	261+	Organic compounds of	514	504+	Machines	706	912*
Winding directly	242	433+	Oxides	423	617	Manufacturing	706	912*
Winding methods	242	433+	Pyridine nucleus compounds	546	72	Medical	128	924*
Assembling apparatus	29	732+	Pyrometallurgy	75	706	Medical	706	924*
Combined operations	29	605	Sulphides	423	511	Non-medical	706	911+
Miscellaneous	29	605	Arsenites	423	601	Power plant	706	915*
Through a closed ring	242	434+	Arseno Carbocyclic or Acyclic			Process plant	706	914*
Armchair	D06	334+	Compounds	556	65+	Robot	706	912*
Arming Devices	102	221+	Arsphenamines	556	66+	Vehicles	706	913*
Bomb, flare, & signal dropping	89	1.55	Art (See Subject Involved)			Education	706	927*
Armor and Armored			Collage	428	39	Electronic circuits		
Body armor	2	2.5	Etching	216	28	Control	706	908*
Cable	174	102 R+	Non-uniform coating	427	256+	Diagnostics	706	916*
Fittings	174	50+	Ornamental stitching	112	439	Elevators		
Conduit	138	123+	Sectional layer	423	410+	Control	706	910*
Electric conductive sheath	174	102 C+	Superposed elements	428	77+	Diagnostics	706	918*
Liner	138	137+	Artery, Artificial	623	1.1	Engineering	706	932*
Spirally wound	138	134+	Article (See Type of Article)			Environment	706	930*
Lock protection	70	417	Advertising design	D20	10+	Fuzzy logic		
Piercing ammunition	102	517+	Carrier	224		Applications	706	900*

Class Subclass		Class Subclass		Class Subclass	
Geological	706 929*	Seaweed	405 24	Cellulose ether or ester	106 169.54
Government	706 933*	Silk		Cellulose ether or ester	106 170.56
Information management	706 934*	Cellulose ester or ether		Cellulose ether or ester	106 196.1
Information retrieval	706 934*	containing composition	106 168.01+	Coating or plastic emulsions	106 277
Knowledge processing	706 10+	Cellulose or derivative	536 56+	Emulsions	516 38+
Applications	706 902+	Chemical modification	8 129+	Fat or fatty acid salt	106 269
Law	706 933*	Cuprammonium compositions	106 167.01	Fatty oil	106 246+
Law enforcement	706 933*	Dyeing processes & compositions	8	Feathers hair or leather	106 124.83
Layout for construction	706 921*	Filament forming apparatus	425 66	Gelatine or glue	106 157.1
Layout of circuit	706 921*	Filament forming apparatus	425 67+	Ink	106 31.91+
Library management	706 934*	Filament forming apparatus	425 76	Mold	106 38.8
Machine tools		Filament forming apparatus	425 382.2	Mold coating	106 38.25
Control	706 904*	Filament forming process	264 165+	Natural resin	106 232+
Diagnostics	706 912*	Nitrogen containing	536 30+	Natural resin and drying oil	106 225
Machines		Regenerated cellulose	106 163.01	Natural resin and nondrying oil	106 229
Control	706 904*	Spinning or twisting process	57 76	Plaster of paris	106 670
Diagnostics	706 912*	Spinning or twisting strand		Polish	106 10
Manufacturing		structure	57 243+	Portland cement	106 668+
Control	706 904*	Swelling or plasticizing	8 130.1+	Prolamine	106 157.1
Diagnostics	706 912*	Viscose compositions	106 166.01+	Protein miscellaneous	106 157.1
Mathematics	706 932*	Snow		Starch	106 216.1
Medical	706 924*	Exhibitor	40	Making, treating and recovery	208 39+
Diagnostics	128 924*	Sod	428 17	Melting furnaces	126 343.5 A
Power plant		Stone		Mixers	366 1+
Control	706 907*	Dyeing	8 523	Design	D15 19
Diagnostics	706 915*	Firing	264 603+	Pavements	404 17+
Process plant		Inorganic settable ingredients	106 638+	Paving machinery	404 83+
Control	706 906*	Molding process	264 333	Polymers containing or derived from	
Diagnostics	706 914*	Precious stone	501 86	(see synthetic resin or natural rubber)	
Robot with artificial intelligence		Static mold	249 140	Aspirator	
Control	706 904*	Water glass plaster of paris	106 611	Body fluids	604 19+
Diagnostics	706 912*	Water glass portland cement	106 606+	Flowing liquid aspirates gas	261 DIG. 75
Robot with knowledge processing	700 246	Stone decorative face	52 311.1+	Body inserted	604 35
Robotic control	700 245+	Teeth	433 167+	Jet pump	417 151+
Science	706 932*	Molds	425 2	Mixing	137 888+
Seismology	706 929*	Molds	425 175	Static mold	249 102+
Simulation	704 920*	Static mold	249 54	Aspirin	
Speech signal processing	704 200+	Three dimensional product	428 15+	In drug	560 143
Teaching	706 927*	Tobacco	131 353		514 165
Time management in business	706 926*	Trachea	623 9	Assembling	
Vehicles		Tree	428 18+	Apparatus	29 700+
Control	706 905*	Turf	428 17	Caps and cartridges	86 12
Diagnostics	706 913*	Wreath	428 10	Chain links	59 25
Weather	706 931*	Artillery		Chains	59 1+
Artificial Neural System (See Neural Networks)		Calculators ordnance control	235 400	Chains sprocket	59 7
Artificial (See Imitation, Synthetic)		Sights	89 200+	Cleaning combined	134 59
Arms	623 57+	Artist (See Painters and Painting)		Electrostatic type	29 900*
Artery	623 1.1	Canvas carriers	294 137	Liquid purification	210 232
Boards		Fine arts materials	D19 35+	Matrices type casting	199 9+
Laminated	428 105+	Materials, design	D19	Nailing and stapling combined	227 19+
Particle	428 403	Paint boxes	206 1.7+	Press type filter	210 230
Body member	623	Palette	D19 35+	Supporters garment	223 49
Electrical actuation	623 24+	Artwork		Tire and rim	157
Fluid actuation	623 26	Sheet bearing	428 195.1	Welding combined	228 4.1+
Bones	623 16.11+	Asbestos		Bolts nuts and washers	470 3+
Butter		Catalyst carrier	502 439+	Boxes	
Making	426 603+	Chemical treatment	423 167.1	Closure cap and liner	413 56+
Renovating or treating		Comminution	241 4	Laminating	156
Apparatus	99 452	Fiber liberation	162 153+	Electric discharge devices	445 23+
Process	426 663	Non-structural laminates	428 443+	Hinges	29 11
Ear	623 10	Ascarite	252 408.1	Lamps and vacuum tubes	445 23
Eye prosthesis	623 4.1+	Ascorbic Acid	549 315	Apparatus	445 60+
Fauna	428 16	Tests for	436 129	Processes	445 1+
Feet	623 53+	Ascot	D02 605+	Mold parts	164 339+
Fiber		Aseptic Cultivation	435 800*	Processes	
Making	264 165+	Ash		Batteries	29 623.1+
Plasticizing	8 130.1+	Ashpan boiler feed heaters	122 413	Electrostatic type	29 900*
Fingernails	132 73	Cans	110 165 R+	Receptacle with closure	413 2+
Fish bait	43 42	Cigars and cigarettes with ash		Apparatus	413 26+
Trap hook combined	43 35	holder	131 349+	Sheet material	270
Flies	43 42.24+	Furnaces	110 165 R+	Shoe heels	12 50+
Flora	428 17+	Holder combined with smoking		Shoe uppers	12 52
Flower	428 24+	device	131 174+	Textile fibers	19 144+
Fog	516 1+	Sifters	209 233+	Well	166 373+
Fuel (see fuel)	44	Design	D23 420	Assembly Means	
Garland	428 10	Stoves	126 242+	Fluid handling	137 15.01+
Grass	428 17	Tray	232 43.1+	Pipe joint	285 18
Heart valve	623 2.1	Combined with other devices	131 231+	Associating Sheet Material	270
Horizon		Design	D27 102+	Tobacco leaf	131 327
Levels and plumbs	33 365+	Gas separation, used in	55 385.8	Assorter (See Associated Process, Article, or Machine)	
Light ray type measurement	33 320+	Luminous	250 462.1	Brush making	300 18
Insemination	604 906*	Vehicle built in	296 37.9	Cleaning machines combined	15 3+
Intelligence (see artificial intelligence)		Vehicle mounted	131 329+	Coin	453 3+
Larynx	623 9	Asparagus Harvester	56 327.2	Livestock	119 842+
Leather	428 904*	Asphalt	208 22+	Printing machines combined	101
Legs	623 27+	Binders in coating compositions	106 DIG. 7	Solid material	209
Musk	568 375	Cement	106 273.1+	Astrolabe	33 1 R
Nose	623 10	Compositions	106 273.1+	Astrology	434 106
Reef	405 21+	Alkali metal silicate	106 622	Astronomical Instrument	
Respiration	601 41+	Carbohydrate	106 217.8	Clock	368 15+
		Carbohydrate gum	106 205.8	Globes	33 268+
		Casein	106 157.1		

Class Subclass		Class Subclass		Class Subclass	
Optical.....	356 138+	Display of products on internet....	705 27	Heating and cooling.....	165 201
Solar position locator.....	33 268+	Livestock tags.....	40 300+	Heating systems.....	237 2 R+
Telescopes.....	359 399+	Through the internet.....	705 37	Metal deforming	
Tellurions.....	33 268+	Audience		Mining control.....	299 1.05+
Astronomy Teaching	434 284+	Radio survey.....	455 2.01	Apparatus.....	72 6.1+
Astrophysical Instruments		Reaction apparatus		Musical instruments.....	84 2+
Angle measurement.....	33 281+	Loudness meter.....	73 646	Comb type.....	84 94.1+
Solar.....	33 268+	Voting machines.....	235 51+	Electrical tone generation.....	84 600+
Spectroscope.....	356 300+	Television survey.....	725 9+	Stringed eg pianos.....	84 7+
Telescope.....	359 399+	Audio Amplifier	330	Two different instruments.....	84 2+
Astigmatism		Audio-Visual Teaching Machine	D19 60	Wind eg organs.....	84 83+
Ophthalmic lenses for correction....	351 176	Audiometer	73 585	Nuclear reactions.....	376 207
Test chart.....	351 241	Design.....	D24 151+	Press control.....	100 43
Athletic		Audion T M		Refrigeration.....	62 132+
Equipment (see type)		Amplifier, electronic tube type.....	330	Solid material comminution or	
Protective hand covering.....	D29 113+	Cathode ray tube structure.....	313 364+	disintegration.....	241 33+
Shoes.....	D02 902+	Oscillation generators.....	331	Teller machine	
Shoes, making.....	12 142 P	Structure.....	313	For remote banking.....	705 43
Shorts.....	D02 731+	Audiphone	381 312+	To purchase postage.....	705 403
Atm Machines or Networks	705 43	Amplifier for.....	330	Using cryptographic code.....	705 64+
Cross-reference collection.....	902	Auditorium	52 6	Unidentified user.....	705 74
Atmometer	374 39+	Acoustics.....	181 30	Temperature or humidity regulation	236
Atmosphere		Auger (See Bit; Drill)		Cereal puffing apparatus.....	99 323.4+
Utilizing special		Boring machines wood.....	408 199	Cooking apparatus.....	99 325+
Glass making.....	65 32.1+	Earth boring.....	175 394+	Distillation separatory	
Refrigeration.....	62 78	Land anchors.....	52 157	processes.....	203 2
Atmospheric Electricity	307 149	Manufacture		Distillation separatory systems.....	202 160
Chemically inert or reactive.....	425 815*	Dies.....	72 470+	Electronic tube or lamp.....	315 117
Collecting.....	310 308+	Machines.....	76 2+	Humidor.....	312 31+
With condenser.....	320 166+	Processes.....	76 102	Hygrostats.....	73 29.02+
Discharging.....	361 212	Twisting stock.....	72 299	Infuser, eg percolator.....	99 281+
Grounding.....	174 6+	Mortising machines wood.....	144 69+	Liquid heaters and vaporizers.....	122 446+
Lightning rods.....	174 2+	Post base.....	52 157	Mineral oil distillation	
Atomic Energy	376	Wood.....	408 199+	condensers.....	196 141
Fission reactions.....	376 349	Auramine	564 269	Mineral oil distillation	
Fusion reactions.....	376 100	Auricle	181 129+	vaporizers.....	196 132
Power utilization.....	376 336	Aurines	552 115	Thermostats.....	60 527+
Power utilization.....	376 402	Fuchsone.....	552 115	Open top liquid heating vessel....	126 374.1
Power utilization.....	376 370	Authorization		Other than a top accessible.....	126 350.1
Power utilization.....	376 391	For automated, secure transactions.	705 76	Stand boiler.....	122 14.1+
Transmutation reactions.....	376 156	Autoclaves (see steaming food)	422 242	Tool driving or impacting device....	173 2+
Well processes.....	166 247	Autocollimator	33 297+	Volume control	
Atomic Hydrogen Welding	219 75	With photocell.....	356 152.1+	Amplifier coupling impedance....	330 144+
Atomizer	239	Autofretage	89 14.7	Amplifier having of bias	
Container or bottle with.....	D28 91.1	Autogenous Bonding		or power supply.....	330 127+
Electrically heated.....	392 386+	Of particles.....	264 123+	Amplifier thermal coupling	
Electrically heated.....	392 324+	Of running length fibers.....	156 180+	impedance.....	330 143
Fumigator.....	422 305+	Of self-sustaining laminae.....	156 308.2+	In radio receiver.....	455 234.1+
Gas liquid contact.....	261 78.1	Autogenous Welding	228 196+	Wave transmission lines & networks	333 17.1+
Non-carburetor.....	261 78.2	Electric.....	219 78.01+	Weigher.....	177 60+
Internal combustion engine supply .	123 434+	Autogiro	244 17.11+	Cigar and cigarette making.....	131 280
Liquid fuel burner.....	239	Aerial toy.....	446 36+	Automation (See Robot)	901 1*
Medical.....	D24 110	Airplane combined.....	244 8	Automobile (See Land Vehicle; Motor Vehicle)	
Medicator.....	128 200.14+	Autograph Register	D18 21	Air bag passenger restraints.....	280 728.1+
Perfume.....	239 355+	Autoharp T M	84 8+	Beds.....	5 118+
Sprayer.....	239 337+	Automatic (See Controller and Control)		Cribs.....	5 94
Temperature responsive control.....	236 8	Automated machine		Body crushers.....	100 901*
Atropine	546 131	Broaching.....	409 245+	Carburetor (see carburetor).....	261
In drug.....	514 304	Gear cutting.....	409 2+	Compound repair tools.....	7 100+
Attack Defeating Locks		Milling.....	409 80+	Cooler.....	62 243
Mechanism.....	70 1.5+	Planing.....	409 289+	Door handle.....	D08 300+
Key lock.....	70 416+	Camera		Electric distribution systems.....	307 10.1+
Attempering		Exposure control.....	396 213+	Electric motors.....	D13 112
Canned food processors.....	99 367+	Focusing.....	396 89+	Fender covers.....	280 762+
Conveyor combined.....	99 361	Cost determination.....	705 400	Frame straightener.....	72 705*
Attenuator	333 81 R	Cutouts for electric circuit.....	200	Gas station lift.....	187 203+
Light conductor with photocell.....	250 227.11	Electromagnetic.....	335	Headlight.....	362 459+
Pads.....	333 24 R+	For lamp circuit.....	315	Design.....	D26 28+
Resistance structure.....	338	Dispenser.....	222 52+	Dimming system.....	315 82+
Voltage magnitude control		With cutoff operator.....	222 14+	Electric system for.....	315 82+
resistors.....	323 369	With recorder register or		Mutually responsive automatic	
Attic		indicator.....	222 23+	dimmers.....	315 82+
Fans.....	416	Drying and gas or vapor contact		Retractable.....	362 527
Inlet.....	454 338	with solids.....	34 524+	Sealed beam.....	313 113+
Inlet and outlet.....	454 249	Earth boring means.....	175 24+	Heater.....	237 12.3 R
Outlet.....	454 341+	Fire alarms.....	116 101+	Heater and cooler.....	165 42+
Wind operated air pump.....	454 240	Electric.....	340 500+	Hood light.....	362 496
Ventilators.....	454 +	Flame.....	340 577+	Horn.....	D10 116+
Having both inlet and outlet		Heat.....	340 584+	Insignia.....	D11 95+
airways.....	454 237+	Smoke.....	340 628+	License tags.....	40 200
Having inlet airway.....	454 254+	With indicator.....	116 5	Changeable year section.....	40 207+
Having outlet airway.....	454 339+	Fish butchering.....	452 150+	Lift or hoist.....	269 58+
Attitude or Pitch Indicator	33 328+	Flexible partitions and panels		Lights combined with part.....	362 459+
Attrition Comminutor		eg curtains.....	160 1+	Ceiling or roof light.....	362 479
Apparatus.....	241 284	Food treating machine.....	99 486+	Ceiling or roof light.....	362 490
Suspended particles.....	241 39	Glass making apparatus.....	65 160+	Mirrors.....	359 838+
Processes.....	241 26	Grain hullers and scourers.....	99 488	Plural.....	359 850+
Suspended particles.....	241 5	Grapples.....	294 110.1+	Plural reflections.....	359 857+
Auction		Gun (see gun)		Miscellaneous equipment design....	D12 400+
Electronic negotiation with.....	705 80	Heat exchange.....	165 200	Name plate fasteners.....	40 662+
encrypted data.....	705 80			Radio.....	455 345
Internet.....	705 37				

Class Subclass		Class Subclass		Class Subclass	
Portable.....	455 346	Needles	223 104	Axminster	
Portable transmitter.....	455 99	Punch type.....	30 366	Carpet	139 399+
Registration plates.....	D20 13+	Sewing		Making apparatus	139 7 R+
Roll bars	280 756	Implement	112 169	Azaporphyrins	540 121+
Safety belt or harness.....	297 464+	Machine.....	112 48	Azauridine	536 28.3
Motor vehicle system responsive	180 268+	Shoe making	12 103	Azeotropes	203 50+
Passive	280 802+	Surgery.....	606 222+	Azetididiones	540 356
Safety promoting means.....	180 271+	Awning	160 45+	Azetidines	548 950+
Seats	297	Design, fabric type.....	D25 57	Azetidinones	540 200+
Crash	297 216.1+	Head rod bracket.....	248 273	Azides	423
Design.....	D06 334+	Non rigid structure.....	160 45+	Inorganic metal azides	149 35
With body modification	296 63+	Storage or shield combined	160 22	Explosive or thermic containing ..	149 35
Shipped as freight	410 4+	Rigid structure.....	52 74+	Organic radical containing	552 1+
Group of bodies shipped	410 43	Design.....	D25 57	Azidocillin	540 331
Signals	116 28 R+	Window closing	49 71	Azimuth Instrument	
Electric	340 425.5+	Ax	30 308.1+	Ammunition.....	102 372
Lamp supply systems	315 77+	Design	D08 76	Horizontal and vertical angle.....	33 281
Stop electric.....	340 479+	Diaphragm	92 96+	Horizontal angle	33 285
Simulators	434 65+	Holder	224 234	Optical	356 138+
Steering post or wheel		Making		Solar locating	33 268+
Fluid handling	137 352	Blanks	76 103	Telescope.....	359 399+
Lock for pilot wheel control or		Dies.....	72 470+	Azines	544 1+
linkage	70 253	Machines	76 7+	Azines	564 249
Suspension systems.....	280	Processes.....	76 103	Azo compounds	534 751+
Active suspension control.....	280 5.5+	Rack	211 13.1+	Heavy metal containing.....	534 701+
Body leveling	280 6.15+	Apparel	211 85.3	Aziridines	548 954+
Tailpipe muffler	181 227	Eyeglasses.....	211 85.1	Azo Compounds	534 573+
With exhaust pipe	181 228	Type cutlery	30 318	Anthraquinone containing.....	534 654+
Tape storage for cars	D12 415+	Axle		Dye compositions containing	8 662+
Toy	446 431+	Box		Several dyes	8 639+
Sounding	446 409+	Manufacture dies forging.....	72 356	Textile printing	8 445+
Transmission jack	254 DIG. 16	Manufacture dies forging		Fiber-reactive	534 617+
Trunk light	362 496	railway car	72 343+	Indane containing	534 659
Switch	200 61.62+	Railway car mounting	105 218.1+	Quaternary ammonium ctg.....	534 603+
Turntables.....	104 44	Wheel combined.....	301 109+	Resorcinol containing	534 682+
Ventilation	454 69+	Gauge.....	33 193	Salicylic acid containing.....	534 660+
Wheels and axles for land vehicles..	301	Housings.....	74 607	Stilbene containing	534 689+
Aligning tools, hand.....	29 273	Lubricating jack	254 32	Azoles	548 100+
Lock for spare or mounted wheel ..	70 259	Manufacture		Acridine nucleus containing	546 26+
Window defrosting (see window).....	52 171.2+	Assembly or disassembly tools.....	29 700+	Aluminum containing	548 101+
Autophon	84 83+	By metal deforming process	72	Arsenic containing	548 102
Autosyn (See Selsyn)		Dies forging railway car.....	72 343+	Azo compounds	534 769+
Averaging, Aromatic Hydrocarbon		Dies forging vehicle	72 356+	Heavy metal containing.....	534 710+
Synthesis	585 474	Lathes turning.....	82 104+	Boron containing	548 110
Aviaries (See Bird)		Puller	29 244+	Heavy metal containing	548 101+
Awakener		Railway	295 36.1+	Phosphorus containing	548 111+
Bedstead related	5 131+	Removing device	29 277	Silicon containing	548 110
Clock	368 12	Rethreading dies	408 20+	Azomethine	564 271+
Alarm	368 244+	Rethreading dies	408 22+	Benzoselenazoles	548 121
Person contacting.....	116 205	Shafts	301 124.1+	Benzothiazoles.....	548 152
Time operated	368 12	Skein	301 134+	Benzoxazoles.....	548 219
Time alarm except clock	111 91+	Spindle	301 131+	Heavy metal containing	556 32+
Electric	340 309.16+	Vehicle.....	301 124.1+	Pyridines	546 268.1
Awl	D08 47	Design	D12 160	Quinolines	546 152
Leather.....	30 366	Vehicle wheel combined	301 1+	Azoxy Compound	534 566+