

Class Subclass		Class Subclass		Class Subclass	
C-Clamp	D08 73	Strap chain cable attachment	24 114.5	Laying apparatus	405 154.1+
C-Vinyl Aromatic Hydrocarbon		Supports pipe or cable	248 49+	Protector from abrasion.....	174 136
Synthesis	585 435	Supports suspended	248 317+	Rail.....	104 112+
Cab		Car (see traction below)		Railway	104 240
Closure operators		Clamp		Switch cable and pulley	
Door and window	49 72	Bridge suspension	14 22	connection	246 332
Window	49 324+	Cord and rope	24 115 R+	Releaser	187 349
Locomotive		Pipe or cable	248 49+	Remote control	74 500.5+
Dust guards	454 86	Clip (see cable clamp).....	104 200+	Stop	
Ventilation	454 84	Coaxial	333 239+	Drum automatic control slack	
Window condensation preventers	454 85	Composite plastic cable molding	425 500+	cable	254 272
Motor vehicle body	180 89.1+	Compound die expressed plastic	425 113+	Ship	114 199+
Railway.....	105 456	Concentric conductors.....	174 102 R+	Traction railway	104 239
Signal or train control	246 167 R+	Connection elevator car	187 411+	Submarine	
Block signal systems.....	246 20+	Connector	403	Loaded	178 45
Drawbridge protection	246 119	Container for	206 389+	Support for pipe or cable.....	248 49+
Grade crossing track protection ..	246 117	Conveyor		Bracket	248 65+
Automatic	246 115	Hoist linear traversing.....	212 76+	Suspended	248 58+
Switch stands.....	246 394	Ship coaling type.....	212 72	Table equalizers	108 87
Train dispatching central		Material or article handling.....	414	Tension device.....	254 199+
signal	246 4	Power driven	198	Tension equalizer elevator cable.....	187 412
Train dispatching train order.....	246 6	Endless.....	198 804+	Tension reliever	114 215
Squirts.....	239 174	Endless single cable.....	198 643	Tightener belt	474 101+
Cabin and Stateroom		Store service systems	186 14+	Towing	
Pressurized	454 70	Cutting	30	Land vehicle train	280 480
Aircraft structure combined	244 59	Fishing line	43 43.12	Marine propulsion	440 34+
Heated and cooled	165 234+	Ships anchor cable	114 221 R	Ship	114 242+
Ship	114 71	Well cable	166 54.5+	Traction	
Furniture arrangement.....	114 189	Well torpedo cable.....	89 1.14	Closure operator	49 347
Toy construction logs	446 106	Drum and cable mechanism	74 506	Hauling apparatus	254 264+
Cabinet	312	Antifriction	254 901*	Lever single throw	254 127+
Bath tubs	4 538+	Slip clutch	254 903*	Linear hoists	212 76+
Bed combined	5 2.1	Specific material	254 902*	Linear hoists ship coaling type	212 72
Card or sheet magazine	312 50	Wave motion responsive actuator	254 900*	Overhead cranes	212 320+
Card or sheet retainer.....	312 183+	Electric	174	Railway rails	104 112+
Cooking stove	126 37 R	Furnace, cooling of	174 15.7	Railway rails combined with	
Dark cabinet	396 589+	Loaded	178 45+	rigid	104 87
Dispensing (see dispensing)		Telegraphy	178 63 R	Railway rolling stock suspended ..	105 151
Dynamic optical storage or	720 600+	Thermal responsive circuit		Railway traction	104 173.1+
retrieval.....	720 600+	breaker incorporated	337 415	Railway turntable actuator.....	104 39
Escutcheons.....	70 452	Welding, cooling of	174 15.7	Rotary cranes	212 246
File	312 183+	Electric conductor making and or		Store service systems	186 14+
Instrument sterilizing	422	joining	156 47+	Tube or rod splicing	425 802*
Insulated	220 592.2+	Electrical assembly	29 755	Twisting wire	140 149
Ironing table support	108 33+	Emergency elevator	187 348	Underground conduits for pipes or	
Joint of sectional cabinets	312 111	Fairing	114 243	cables	138 105
Light combined	362 133	Gear drum and cable mechanism.....	74 505	Wireworking article making or	
Light etc application to body	607 81+	Grip (see clamp above)		forming.....	140 71 R+
Locks for	70 78+	Cable driving stops railway	104 239	Cable Tool Rig	173 81+
Metallic receptacle spaced wall	220 62.11+	Car control vehicle fender	293 3	Cacao	426 631+
Music.....	84 DIG. 17	Motor placement railway		Cachets	604 403+
Office machines.....	D18	rolling stock	105 134	Cacodyl Compounds	556 70+
Outside players for music		Guides (see guides, cable line)		Cadmium	
instruments	84 108	Hauling or strand placing	254 134.3 R+	Alloys	420 525
Phonograph type	312 8.1	Hoisting		Batteries	429
Console type	D14 175+	Apparatus for hauling or		Compounds	23
Record holders.....	312 9.1+	hoisting load	254 264	Electrolytic coating with.....	205 281+
Photography fluid treating.....	396 564+	Controls brake.....	187 361+	Electrolytic synthesis.....	205 560+
Radio type	312 7.1	Crane overhead travelling		Fluorescent or phosphorescent	
Design	D14 188+	cable driven	212 312+	compositions containing	252 301.6 R
Receiver	455 347+	Crane rotary drive	212 246	Organic compound containing.....	556 118+
Transceiver	455 90.3	Elevator car	187 251+	Pigments fillers or aggregates.....	106 452
Transmitter	455 128	Grapples pivoted jaws		Pyrometallurgy	75 668+
With antenna	343 702	separate cable actuator	294 111	Combined with hydrometallurgy....	75 416+
Refrigerator	220 592.02+	Hook tackle	294 82.11+	Cafeteria	
Safes	109	Inclined elevator brake	187 246	Coffee service unit	D34 14
Combined	109 23+	Ladders extension	182 207+	Tray dispenser unit	D34 14
Convertible	109 22	Ladders track type	182 63.1+	Caffeine	544 274
Incidentally movable.....	109 45+	Raising or lowering means	182 68.1+	Extraction from coffee	426 427+
Plural compartment	109 53+	Rotating means.....	182 65.1+	Cage	
Shields and protectors	109 49.5	Lever actuator pushing and		Animal mouth guard	119 827
Supports and mountings	109 50+	pulling.....	254 127+	Bank protection	109 10+
Wall and panel structure	109 58+	Linear traverse	212 76+	Bearing	
Show case	312 114+	Material or article handling		Ball.....	384 523+
Shower bath	4 596+	Combined carriers endless	414 564+	Making.....	29 898.064
Design.....	D23 283	Elevator.....	414 592+	Radial	384 512+
Sign exhibiting reel	40 515	Traversing type	414 560+	Thrust	384 623
Sound or video recording etc		Pushing and pulling implements		Bird and animal confining	119 452+
instrument	369 75.11+	or apparatus	254 264	Bird	119 459+
Slot for disc insertion	369 77.11+	Ship coaling type linear		Collapsible	119 461
Structure	312	traverse	212 72	Collapsible	119 474
Television.....	348 836+	Testing physical	73 158	Design	D30 114+
Toy	446 482	Trucks	254 4 R	Sectional	119 472
Type case accessory	276 44	Vehicle body lifter	254 47+	Fish and animal traps	43 58+
Wall or ceiling mountable	312 242	Impregnating		Design	D22 121
Cable and Cable Making	57	Apparatus	118	Material handling	
Advancing material of indeterminate		Indefinite length electrical		Hand type	294 26.5
length	226	conductor	156 47+	Hoist line type	294 68.1+
Block and tackle	254 389+	Metal casting, continuous.....	164 462+	Mills	241 188.1
Bridge suspension	14 22	Joining wire	140 111+	Plant supports	47 45
Burglar alarm cable controlled	116 94	Joints and couplings (see joints,		Queen bee	449 28
Button		pipes, shafts, rods, plates)		Shower bath spray	4 601+

Class Subclass		Class Subclass		Class Subclass	
Solid fuel grate.....	110 294	Calking		Ultrasonic scanning.....	600 437
Water cooled.....	122 373	Compositions.....	106	Blood.....	600 438
Type antenna.....	343 896	Dispenser.....	222	Flow.....	600 454
Washing apparatus having.....	68	Gun.....	222 326+	Breast.....	128 915*
Caisson		Edge sealing laminated glass.....	156 107	Mammography.....	128 915*
Box or open.....	405 11+	Implements.....	81 8.1	Pressure.....	600 438
Diving bell type.....	405 185+	Metal packing.....	72 462+	Temperature.....	600 438
Ordnance.....	89 40.07	Pointers for masonry.....	15 235.3	Therapy.....	600 439
Pressurized.....	405 8+	Ship calking.....	114 224	View finders.....	396 373+
Shaft lining.....	405 133	Metal working.....	72 462+	Geometrical.....	33 290+
Ship raising.....	114 49	Methods.....	114 86	Perpendicular to objective lens..	D16 217
Ship raising salvage.....	114 53	Packing fibrous material.....	81 8.1	Camisole	D02 722
Ship repair.....	405 12	Puttying devices.....	425 87	Camouflage	
Shoring, temporary.....	405 272	Puttying devices.....	425 458	Canopies.....	135 87+
Cake		Seaming ships combined.....	114 86	Coat hunters.....	2 94
Compositions.....	426 552+	Calling Card Receiver	D06 449	Coating composition.....	106
Cover.....	312 283+	Calliope	84 330	Coating non-uniform.....	427 256+
Cutter or server.....	D07 673	Callus Culture	435 420+	Illusion.....	273
Design.....	D01 129+	Calomel	423 491	Including open mesh.....	442 1+
Dish or cover.....	D07 610	Medicines containing.....	424 645	Ordnance.....	89 36.01
Enfolding with		Calorimeter	374 31+	Stock material.....	428 919*
enfolding with cloth before.....	100 101	Calutron		Tents.....	135 87+
Inedible.....	D11 184	Mass spectrometer.....	250 281+	Warship.....	114 15
Pans.....	249 D1G. 1	Structure.....	313 359.1	Camp and Camping	
Stripping cloth from cake after		Cam (See Apparatus Using)	74 567+	Beds.....	5 112+
pressing.....	100 298	Actuated or operated.....	74	Bodies land vehicles.....	296 156+
Trimmers.....	100 94+	In bolt to nut lock.....	411 272	Chairs folding.....	297 16.1+
Calciferol	552 653	Camber		Ground mat.....	5 417+
Calcimines (See Kalsomines)		Correction		Kit combined or convertible to	
Calcining		Bending for.....	72 704*	table.....	190 12 A
Furnaces.....	432	Bending three point jacks.....	72 386+	Lunch kits.....	206 541+
Hazardous or toxic waste		Forging for.....	72 704*	Sleeping bag.....	2 69.5
containment.....	588	Vehicle running gear.....	280 86.75+	With bed structure.....	5 413 R
Pyrolysis.....	588 321	Mechanical arrangement.....	280 124.1+	Stools folding.....	297 166
Portland cement processes.....	106 739+	Stub axles.....	280 124.125+	Stoves cooking.....	126 25 R+
Calcium (See Alkali, Earth Metal)	75	Test wheel gauge.....	33 203	Stoves heating.....	126 59
Carbide.....	423	Cambric	139 426 R	Tables convertible baggage.....	190 12 R
Acetylene generator carbide		Camel		Tent.....	135 87+
feed.....	48 38+	Ship raising.....	114 49	Heater.....	126 59
Cartridges.....	48 59+	Salvage.....	114 53	Trailer design.....	D12 101+
Compounds inorganic.....	423	Cameo Molds	249 104	Vehicle design.....	D12 100
Calculator (See Computer)	235 61 R+	Camera		Camphene (See Alicyclic Hydrocarbon)	585 350
Automated price determination.....	705 400	Animated cartoon.....	352 87	Terpene isomerization.....	585 355
Design.....	D18 6+	Carrier or holder.....	224 908*	Camphor	568 339+
Instruments simulating.....	33 1 SB	Hand.....	294 139	Camphoric Acid	562 504
Specific gravity test.....	73 443	Cases.....	206 316.2	Camping (See Camp)	
Vehicle controlling.....	701 1+	Cinematographic.....	D16 205+	Camshafts	74 567
Calendar	40 107+	Compound lens system with.....	359 363	Drive means internal combustion	
Clocks.....	368 28+	Copy making, eg mechanical negative.....	430 951*	engine.....	123 90.31
Clocks.....	968 139+	Copying.....	355 18+	Overhead location.....	123 90.27
Coin controlled.....	40 107+	Design.....	D16 200+	Can (See Container)	
Design.....	D19 20+	Electronic still.....	358 909.1*	Beer,pop, or food.....	206 139
Desk article combined.....	40 358	Scanned semiconductor matrix.....	348 294+	Carrier by hand.....	220
Holder design.....	D19 20+	Exposure control, automatic.....	396 213+	Crushers.....	100 902*
Pads.....	40 121	Film winding spools.....	242 600+	Presses in general.....	100
Printed matter type.....	283 2+	Flash unit.....	396 155+	Cutting to scrap.....	83 923*
Watches.....	368 28	Focusing, automatic.....	396 89+	Design.....	D09
Watches.....	968 139+	Lens mount.....	396 529+	Filling and closing.....	53 266.1+
Calendar		Angularly adjustable camera		Insulating jacket.....	220 903*
Roll.....	492 +	front or lens mount.....	396 342	Labeling machines.....	156
Paper manufacture.....	100 161+	Lucida.....	359 447	Leakage tester.....	73 40+
Textile.....	38 63+	Mammography study.....	128 915*	Discarding type.....	73 45+
With heating, cooling or drying... ..	100 327+	Microscope.....	359 372+	Making	
Calendering		Motion picture.....	352	Body straightening.....	72 367.1+
Cloth finishing.....	38 52	Film winding.....	242 324.1+	Fusion-bonding apparatus.....	228
Laundry.....	38 44+	Multiple exposure on single plate.....	396 335+	Metal cap preparing machine.....	413 56+
Paper.....	100 161+	Obscure.....	359 448	Method.....	72 715
Plastics.....	425 363+	Panoramic.....	396 20+	Sheet metal container making.....	413
Calibrating		Periscope.....	359 403+	Metal and miscellaneous.....	220
Battery calibration.....	136 290*	Photographing internal body organs		Milk.....	220 569
Electrophotographic copier.....	399 9+	ultrasonically.....	600 437+	Milking machine.....	119 14.46
Instrument.....	73 1.01+	Reflex.....	396 354+	Nuclear fuel containing.....	376 409
Measuring and test instrument.....	73 1.01+	Reproducing.....	355 18+	Openers.....	30 400+
Radar systems.....	342 165	Schmitt		Closure combined.....	220 260
Radiant energy device.....	250 252.1	Lens and mirror.....	359 728+	Cutter type combined.....	7 152+
Caliper	33 783+	Motion picture.....	352 69	Design.....	D08 33+
Assorter combined.....	209 602+	Television.....	348 207.99+	Electric.....	30 401
Brake.....	188	Shutter.....	396 452+	Key holder combined.....	D03 210
Bicycle.....	188 24.11+	Automatic control.....	396 213+	Other tool combined.....	7 151
Disc type.....	188 71.1+	Between lens.....	396 462	Receptacle puncturing and	
Design.....	D10 73	Mechanical test.....	73 1.42+	closing.....	220 278
Gauge.....	33 501.7+	Optical test.....	73 1.56	With dispensing features.....	222 81+
Calisthenic Exercise	482	Timer.....	396 452+	Packing in portable receptacles.....	53 531+
Calk		Stereoscopic.....	396 324+	Processors.....	99 359+
Forming on horseshoes.....	59 65	Submarine motion picture.....	352 132	Resilient wall.....	222 206+
Combined machines.....	59 39	Supports.....	396 419+	Testers leak detector.....	73 52
Horseshoe calk making.....	59 66+	Telescope.....	359 419+	Vacuumizing & sealing methods.....	53 403+
Horseshoe type.....	168 29+	Television.....	D16 202	Valves for conveying	
Sharpener.....	451 346	Time lapse.....	352 84	Bin charge or discharge.....	414 288+
Tool.....	168 46	Toy (design).....	D21 514	Chute retarders.....	193 32
Shoe device.....	36 67 R	Tripod.....	396 419+	Chute switches.....	193 31 R
Tire antiskid device.....	152 229+	Twin lens reflex.....	396 353	Cooker inlet or outlet.....	99 366

Class Subclass		Class Subclass		Class Subclass	
Horizontal axis rotary conveyor...	198 670	Attaching means.....	604 240+	Column.....	52 301
Horizontal axis spiral.....	198 778	Butchering.....	452 69	Detonating toys.....	446 398+
Rotary conveyor.....	198 803.1	Medicator combined.....	604 187+	Mechanical projector combined...	124 2
Thrower.....	198 642	Structure.....	604 239	Pistol simulating.....	42 54+
Washers and cleaners		Canoe	114 347+	Electric fuse terminal.....	337 248
Brushing machine.....	15 70+	Chair.....	114 363	Fastenings for saw teeth.....	83 840+
Liquid contact.....	134	Design.....	D12 302	Fountain pen bifurcate nib-type.....	401 243+
With valved outlet.....	222	Paddles.....	440 101	Gas or radiator.....	D12 197+
Canal	405 84+	Sail.....	114 102.1+	Insulator.....	174 188+
Amusement park.....	104 73	Canopy	135 87+	Lock.....	70 158+
Boats		Bed.....	5 414+	Making	
Form.....	114 60	Camp.....	5 113	Ammunition.....	86 10
Structure.....	114 70	Hammock and canopy with common support.....	5 128	Die shaping sheet metal.....	72 343+
Locks.....	405 85+	Hammocks.....	5 121	Spirally grooving metal.....	72 105+
Canceler		Body or belt attached.....	224 186	Mast.....	212 347
Fare box ticket puncher combined..	232 8	Building light type.....	359 591+	Nail screw and nut	
Stamp		Cabinet type.....	312 3+	Nut caps.....	411 429+
Barrel bung.....	217 114	Coffin.....	27 9	Pile driving.....	173 128+
Hand.....	101 371	Design.....	D25 56	Pile protector.....	405 255
Machine.....	101 233+	Flexible panel combined.....	160 19+	Radiator	
Cancer Treatment		Frames.....	135 121+	Ornament.....	428 31
5-fluorouracil.....	544 313	Light shade.....	362 351+	Ornament bird or insect.....	40 411+
Candelabra		Light support.....	362 404+	Removing.....	29 245
Electric.....	362 410+	Padlock shields.....	70 56	With thermometer.....	209 684
Design.....	D26 24	Reflector.....	362 341+	Spinning machines.....	57 74
Candle	431 288	Rigid type.....	52 74+	Strand twisting and laying.....	57 127
Candlestick.....	D26 9+	Support type.....	248 345	Surfacing.....	52 465+
Compositions for making.....	44 275	Tent-type design.....	D21 834+	Tower.....	52 651.01+
Design.....	D26 6	Cant Hook	294 17	Typewriter key.....	400 490+
Electric lamp.....	362 157+	Canteen		Wheel hub.....	301 108.1+
Electric socket simulating.....	200 51.01	Design.....	D03 202+	Whip.....	231 6
Extinguishers.....	431 144+	Flow controller or closure.....	222 544+	Capacitance Interelectrode Testing	
Forming.....	425 803*	Jacket or spaced wall.....	220 592.16+	Electronic Tube	324 409+
Fumigants.....	424 40	Jacketed dispensing type.....	222 131	Cathode ray tube.....	324 404
Holder.....	431 289+	Kit with.....	206 547	Capacitor (See Condenser; Electret)	
Christmas tree.....	362 249.14+	Separable cup or funnel.....	141 379+	Air dielectric.....	361 326+
Design.....	D26 9	Cantilever		Design.....	D13 125
Imitation.....	362 810*	Bridge.....	14 7+	Neutralizing.....	361 212+
Lanterns using.....	362 161	Building.....	52 73+	Capacity Measuring Bridge	324 680+
Lighters (see igniter and ignition)		Design.....	D25 61	Cape Body Garment	2 88+
Lighting imitation of.....	362 810*	Spring.....	267 41	Design.....	D02 823+
Making		Canting Element in Bolt to Nut Lock	411 274+	Combined.....	D02 824
Casting or molding apparatus.....	425 117+	Canvas		Combined with dress.....	D02 759
Casting processes.....	264 271.1+	Awning stripe.....	139 417	Combined with suit.....	D02 773
Dipping processes.....	427 442+	Fabric.....	139 426 R	Capillary	
Physical and ornamental structure..	431 126	Shoes rubber sole.....	36 9 R	Active agents (see wetting).....	516 198+
Shade or bowl supports for.....	362 447	Caoutchouc (See Rubber)		Heat exchange pipe.....	165 104.26
Simulated.....	431 125	Cap		Tube, refrigeration using.....	62 511
Snuffers.....	431 144+	Ammunition.....	102 204	Capotasto	84 318
Design.....	D29 127	Making.....	86 10+	Capping	
Miners.....	7 104+	Apparel.....	2 195.1+	Bottles.....	53 287+
Candling		Bathing.....	D02 867+	Nails and screws.....	470 5+
Candling, instrument.....	D10 48	Bathing design.....	D02 867+	Screw closure applying	
Candy		Bolt head.....	411 372.5+	Soldering iron having guide.....	228 25+
Coating apparatus.....	118 13+	Design (see headwear).....	D02 865+	Capric Acid	554 1+
Compositions.....	426	Protective against blows.....	2 410+	Caprylic Acid	554 1+
Cutting machine.....	83	With eye shield.....	2 10	Capsaicin, in Drug	514 627
Design.....	D01 127+	With light support.....	362 106	Capstans	254 266+
Kneading-pulling equipment.....	366 70	Beading and crimping.....	72 102+	Forwarding filamentary material.....	242 159+
Making, apparatus.....	99 450.1	Blasting.....	102 275.12	Capsule (See Container)	
Making, processes.....	426	Bottle seal.....	425 809*	Composite stock material with liquid.....	428 321.5
Cotton candy.....	425 9	Brush and broom type.....	15 175	Filling and closing.....	53 266.1+
Preservation.....	426 321+	Burner		Hazardous or toxic waste containment.....	588 249.5
Stick, container.....	493 943*	Extinguishing.....	431 146	Making by dipping.....	425 269+
Cane	135 65+	Chimney.....	52 244	Making, x-art.....	425 804*
Design.....	D03 5+	Coping.....	52 244	Medicine vehicle.....	424 451+
Detonating toy.....	446 402+	Cows.....	454 3+	Microcapsule (see microcapsule)	
Fabrics.....	139 424	With valve.....	454 27	Nonmetallic collapsible wall.....	222 107
Gun combined.....	42 52	Closure		Sheet metal making.....	72 347+
Light combined.....	362 102	Auto radiator or gas tank.....	D12 197+	Stock with liquid.....	428 321.5
Locks for cane racks.....	70 59	Bottle.....	215 200+	Car (See Vehicle)	
Racks.....	211 62+	Depressible oil cup cap.....	184 89	Airship.....	244 30
Simulated umbrella case.....	135 18	Design.....	D09 435+	Bodies and tops.....	296
Stand convertible.....	248 155	Flexible bag.....	383 80	Control	
Stand or stool converting to.....	248 155+	Inflation stem air & dust cap.....	138 89.1+	Electric railway external.....	104 295+
Therapeutic appliers combined.....	607 115+	Inflation stem air cap.....	138 89.3	Elevator brake.....	187 351+
Umbrellas combined.....	135 17	Inflation stem dust cap.....	138 89.4	Elevator drive.....	187 276
Whip convertible.....	231 3	Inflation stem dust cap and tool combined.....	152 431	Elevator fluid governor.....	187 345+
Canister		Lining apparatus.....	156	Railway switches and signals.....	246
Design.....	D07 612+	Lining combined with metal working.....	413	Vehicle fenders combined.....	293 2+
Gas separation.....	96	Lining process.....	156 262	Derailer railway.....	246 163
Projectile.....	102 507+	Making from sheet metal.....	413 8+	Car attached.....	104 261
Canning		Apparatus.....	413 56+	Elevator.....	187 401+
Cooking and subsequent.....	99 356	Removers.....	81 3.07+	Parking facility.....	414 227+
Cooking filled receptacles.....	99 359+	Screw type.....	220 288	Fire escape reciprocating moving rope.....	182 12+
Filling and closing.....	53 266.1+	Slip type.....	220	Fire escape reciprocating stationary rope.....	182 189+
Food preserving apparatus.....	99 467+	Soldering to can.....	228	Fire escape vertically movable.....	182 40
Food preserving processes.....	426 392+	Coating implement with material supply combined.....	401	Hand.....	105 162
Hermetic.....	426 392+				
Cannon					
Toy.....	89				
Cannula					
	42 55				
	604 239				

Class Subclass		Class Subclass		Class Subclass	
Heated and cooled	165 42	Carbonizing processes	502 416+	Barrel interiors	432 224
Automatic control	165 202+	Regeneration	502 20+	Distillation	201
Land vehicle	280	Activated	502 180+	Apparatus	202
Livestock carrying	119 400+	Agglomerating	23 314	Fabrics	8 140
Convertible	119 405	Apparatus for making	422 150+	Hazardous or toxic waste	
Deck	119 406	Compositions containing synthetic		pyrolysis	588 321
Partition	119 412+	resin or natural rubber (see		Molded article	264 29.1
Loading or unloading	414 373+	classes 523, 524)		Fiber formation	264 29.2
Railway unloading using		Compounds	260	Fiber, fabric or textile	423 447.1
tractor-trailer	414 333	Preparation by wave energy	204 157.6	Ovens	202 215+
Self	414 467+	Dioxide	423 415.1	Processes	201
Train of unloading vehicles	414 339	Hydrogenation of	518 700+	Mineral oils	208 46+
Motor	180	Refrigerating with	62 384+	Textiles	8 140
Propulsion (see electric)		Refrigerating with, automatic	62 165+	Apparatus	68 2
Elevator	187 250+	Solidifiers	62 602+	Carbonless Transfer Paper	503 200+
Railway	105	Synthesis gas containing	252 373	Carbonyl Halides	562 840
Railway cable crossing conduit	104 187	Disulphide	423 443+	Carbonylamides	564 123+
Railway cable curves	104 190	Biocides containing	424 707	Stabilized or preserved	564 4
Railway systems	104 287+	Carbon disulphide	424 701	Carbonyls	423 416
Road vehicle	180	Viscose preparation	536 60+	Carboxamides	564 123+
Store service	186	Electric furnaces for treatment		Acyclic acid amides	564 192
Pusher		Electric lamp filament	252 500+	Aldehyde or ketone ctg acid	564 199+
Implement	254 35+	Electrode (see electrode)		Halogen ctg acid	564 209+
Railway hand crank	105 90.1	Arc lamps consumable	314 60	Hydroxy or ether ctg acid	564 201+
Railway	105	Furnace	373 88+	Lower fatty acid	564 215+
Amusement	104 53+	Space discharge device	313 326+	Nitrogen ctg acid	564 193+
Cable mule	104 176	Electrolytic electrodes	204 294	Unsaturated acid	564 204+
Elevator	104 128	Fibre	423 447.1	Alicyclic acid amides	564 188+
Forging dies	72 343+	Processes of manufacture	423 447.1	Aminimine ctg	564 147
Ladder	182 93+	Product per se	423 447.2	Aromatic acid amides	564 161+
Pilot or signal	246 166	Filaments	313 341+	Aldehyde or ketone ctg acid	564 169
Stop	104 249+	Fluorocarbon preparation from	570 150	Diphenyl methane ctg acid	564 181
Toy simulation	446 431+	Layer impregnated or coated	428 408	Hydroxy or ether ctg acid	564 170+
Yard	104 26.1+	Leaf and strip	462	Phenoxy alkanolic ctg acid	564 175
Refrigeration	62 239+	Preparation by coating	427 153+	Monocyclic ctg acid	564 182+
Air controller combined	62 407+	Typewriter	400 497+	Nitrogen ctg acid	564 163+
Alternately usable energy		Lubricants containing	508 113+	Polycyclic ctg acid	564 180
source	62 236	Microphone, granular	381 180+	Sulfur ctg acid	564 162
Separable cooling means	62 237	Moderator structure	376 350	Hydazine ctg	564 148+
Variable capacity ice		Moderator structure		Plural carboxamides	564 152+
bunker	62 327+	for nuclear reactors	376 458	Preparation	
Replacer	104 262+	Monoxide	423 418.2	By acid hydrolysis only of	
Retarder railway	188 62+	Carboxylic acid production		nitrile	564 129
Store service cable	186 18	Acyclic acid	562 517+	By catalytic hydration only of	
Vehicle unloading	414 373+	Alicyclic acid	562 497	nitrile	564 126
Dumping tilting track section	414 354+	Aromatic acid	562 406	By nitration of amides	564 146
Caramel	127 29	Utilizing	562 406	From acyclic nitrile	564 130
Flavoring compositions	426 658+	Generator	48 85	Unsaturated	564 131
Making	127 34	Hydrogen production utilizing	423 648.1	From carbon monoxide or dioxide	564 132
Caravans	296 156+	Hydrogenation of	518 700+	From carboxylic acids of	
Carbamic Acid	562 555	Neutralizing agents for	252 189+	functional derivative	564 133
Carbamic Acid Esters	560 24+	Organic acid production		From acids	564 138+
Acyclic	560 132+	utilizing	562 408+	From anhydrides	564 144
Alicyclic	560 115	Synthesis gas containing	252 373	From esters	564 134
Nitrogen ctg	560 157+	Paints containing	106 261	From cyano compound	564 124+
Sulfur ctg	560 148	Paper	428 488.11+	From hcn or cyanogen	564 125
Carbanilide	564 55	Container	206 215	From acid halides	564 142+
Carbazide	564 34	Design	D19 1	Carboxylate (See Carboxylic Acid)	
Carbazole	548 440+	Flux	148 23+	Carboxylic Acid Anhydrides	562 887+
Azo compounds	534 790	Pigments	106 472+	Carboxylic Acid Esters	560 1+
Carbazones & Semicarbazones	564 36	Preparation by carbonization	201	Aromatic	562 405+
Carbendazim	548 308.7	Preparation by electrochemistry	204 173	Fermentative production of	435 136+
Carbenicillin	540 338	Prevention in mineral oil		Hydrophenanthrene nucleus ctg	562 403+
Carbide (See Calcium, Carbide)	423	conversion	208 48 R	With preservative	560 2+
Acetylene from	48	Refractory compositions	501 99+	Carboy (See Bottle)	D09 516+
Actinide	423 249+	Removal (see decarbonizing)		Dispenser casing	222 183
Alloys	75 236+	Saver arc lamp	313 335	Jacketed	222 131
Cartridges	48 59+	Tetrachloride	570 101+	Spaced wall or jacket	215 12.1+
Ceramic compositions containing	501 87+	Carbon Black	423 449.1	Metallic	220 592.01+
Metal impregnated	428 539.5	Carbonate	423 419.1+	Carburetor	
Silicon	423 345	Electrolytic synthesis	205 480+	Carbureting processes heating gas	48 219
Tungsten	423	Esters of carbonic acid	558 260+	Hydrogen	48 199 R
Uranium	423 256	Fertilizers containing	71	Water	48 205
Carbitol T M	568 613+	Fire extinguishing compositions		Deicers for	261 DIG. 20
Carbocyanine Dyes	546 152+	containing	252 7	Drawing excess fuel from	
Photographic emulsions containing	430 541	Carbonation		carbureting passage	261 DIG. 21
Carbodiimides	564 252	Alcoholic beverage processes with	426 592	Fluid amplifiers in	261 DIG. 69
Polymers from (see synthetic resin		Beverage	261	Gas and liquid contact apparatus	261
or natural rubber)		With flavoring means	99 323.2	Heating and illuminating gas	
Structure in cellular polymer	521 901*	Carbonation equipment	D07 300+	generator	48 144+
Carbohydrate, Sugar and Starch	127	Carbonators	261 DIG. 7	Cupola water	48 79+
Coating or plastic compositions	106 162.1+	Colloid systems foams	516 10+	Hydrogen	48 116+
Derivatives	536 1.11+	Fire extinguishing compositions	252 8	Oil and steam	48 96
Nitrogen containing	536 18.7+	Foam control in handling		Water	48 109
Diastolic mashing	435 93+	gas charged liquids	137 170.1+	Heating and illuminating gas	
Fermentative purification	435 262+	Gas and liquid contact apparatus	261	mixers	48 180.1+
Polymers containing (see synthetic		Carbonic or Chlorcarbonic Acid		Internal combustion engine	
resin or natural rubber)		Esters	558 260	Additional air supply	123 26
Wave energy preparation	204 157.68	Carbonium Ion Production in		Charge forming	123 434+
Carbolic Acid (See Phenols)		Hydrocarbon Synthesis	585 942*	Spray nozzles	239
Carbon	423 445 R+	Carbonizing (See Carburizing)		Liquified petroleum gas (lpg)	48 180.1+
Absorbents	502 416+	Absorbents	502 416+	Manifolds	261 DIG. 36

Class Subclass		Class Subclass		Class Subclass	
Primers.....	261 DIG. 8	Cardiac (See Heart)		Shingle sawing.....	83 704+
Primers, ticklers.....	261 DIG. 73	Cardiovascular diagnosis.....	600 481	Textile apparatus doffing or donning.....	57 268+
Processes, carburetors.....	261 DIG. 45	Cardigan	D02 754	Textile apparatus drawing.....	57 320
Surge prevention in.....	261 DIG. 50	Carding	19 98+	Checks.....	57 320
Venturi.....	261 DIG. 12	Card clothing making.....	140 97+	Traveling cutter for sheets and bars.....	83 614
With supercharging blowers.....	261 DIG. 51	Safety pins.....	227 25	Wire fabric making.....	140 29
With valves.....	261 DIG. 52	Tobacco		Wood turning.....	142 47
With vented bowl.....	261 DIG. 67	Cigar and cigarette making combined.....	131 109.1	Traversing hoist	
Carburizing		Leaf disintegrating.....	131 311+	Holders.....	212 122
Apparatus.....	266 249+	Stemming.....	131 321	Release.....	212 112
Continuous casting combined.....	164 473	Twisting combined.....	57 327	Typewriter.....	400 352+
Metal casting combined.....	164 55.1+	Cardiographs (See Electrocardiographs)		Vehicle	
Metal treatment.....	148 206+	Carillons	84 406+	Land.....	280
Molten iron or iron alloys		Carillons	984 206	Land bodies and tops.....	296
with solid.....	75 561	Carline	52 46+	Land dumping.....	298
With solid and gas.....	75 532	Carotene Synthesis	585 351	Motor.....	180
Carbylamines	558 302+	Carousel	D21 830	Carrier (See Bucket; Conveyor; Receptacles)	
Carcass		Carpet		Article or package carrier.....	224
Labels or tags.....	40 625+	Attachment (see fasteners).....	16 17.1	Baby.....	D03 213+
X-art collection.....	40 908*	Anti-slip (see fasteners).....	16 17.1	Bottle.....	294
Splitting, butchering.....	452 149+	Stiffener.....	16 17.1	Multiple type grapple.....	294 87.1+
Card	D19 34.1	Axminster.....	139 399+	Braiding textiles.....	87 33+
Addressing plate combined.....	101 369	Apparatus.....	139 7 R+	Brakes for single rail conveyor type.....	188 42
Assorting.....	209 613	Cleaning machinery.....	D32 15+	Brick.....	294 62+
Case and holder.....	150 147+	Coated.....	428 96	Camera plate.....	396 364+
Case design.....	D03 247+	Cushion and padding.....	D05	Cartridge.....	224 223+
Coin.....	229 92.9	Design, carpet per se.....	D06 582	Bandoleer.....	224 602
Pocket type.....	206 39+	Design, yard goods for.....	D05	Covered.....	224 239
Trays.....	206 425+	Dyeing.....	8 929*	Case for sewing machine or typewriter.....	312 208.6
Typewriter paper.....	400 521+	Electrically heated.....	219 528+	Casket.....	27 27
Clothing		Fastener.....	16 4+	Casting apparatus.....	164 323+
Fiber preparation.....	19 114	Fringed.....	428 115	Chutes skids guides and ways.....	193
Grinding.....	451 416+	Installation compound tools.....	7 103+	Cooking apparatus.....	99 324+
Wireworking.....	140 97+	Knitted.....	66 194	Corpse.....	27 28
Cardage	242 472.7+	Laminated.....	428 96	Dumping scows.....	114 27+
Design.....	D19 1+	Pile or nap type.....	428 85+	Earth boring cuttings type.....	175
Dispensing		Seam bonding.....	156 304.7	Elevator type material handling.....	414 592+
Feeding or delivering.....	271	Sewing machines.....	112 7+	Carrier operated feed.....	414 609+
Packages.....	206 233	Sheet runners.....	D05	Inclined.....	414 595+
Pocket case.....	206 39+	Stretcher.....	294 8.6	Endless	
Exhibiting.....	40 124.01+	Mechanical advantage utilizing.....	254 200+	Article magazine.....	312 97
Design.....	D20 10+	Suction cleaner.....	15 300.1+	From static support.....	198 506+
Display card.....	40 124.01+	Sweeper.....	15 41.1+	Auxiliary item storing section.....	198 347.1+
Magazine.....	312 50	Design.....	D32 50+	Between plural conveyers.....	198 620+
Packages.....	206 45.28+	Tufting.....	112 410+	Bottle brushing machine.....	15 60
Racks.....	211 50+	Woven.....	139 399	Bucket.....	198 701+
Trays.....	206 425	Weight.....	16 404	Can body feeding.....	413 45+
File directory.....	40 371+	Weight.....	16 17.1	Check released article delivery.....	194
Greeting		Wilton brussels or velvet.....	139 391+	Coin trap closure.....	232 56
Design.....	D19 1	Making.....	139 37+	Cutting harvesters.....	56 181+
Postal.....	229 92.8	Woven.....	139 391+	Dragline scoop combined.....	414 569
Subject matter.....	283 117	Yardgoods design.....	D05	Drying house.....	34 207
Toys.....	446 147+	Carport or Garage	D25 34	Fire escape.....	182 42+
Grinders.....	451 416+	Carriage		Flexible pocket.....	198 715
Holder or file.....	D19 75	Baby.....	280 47.38+	Furnace charging reciprocating.....	414 156
Index.....	40 380	Design.....	D12 128	By driven force.....	414 198
Indexed.....	283 36+	Powered.....	180 166	Furnace charging type.....	414 147+
Label affixing machine.....	156	Blanket or robe design.....	D06 603+	Grain separator straw.....	460 86
Letter sheets.....	229 92.1	Feed		Hoist combined.....	414 564
Match.....	44 507+	Calculator.....	235 63 R	Hopper bottom forming.....	198 550.1
Folder.....	206 104+	Lathe.....	82 132+	Having gravity conveyor section.....	198 550.1+
Music teaching.....	84 481	Sheet metal spinning pattern controlled.....	72 81	Item holder.....	198 375+
Playing.....	273 292+	Steeping-motor drive for.....	400 903*	Item holder.....	198 688.1+
Design.....	D21 376+	Firearm.....	42 94	Loading machine type, buckets.....	198 509
Postal packets.....	229 92.8	Fluid motor tide or wave.....	60 497+	Mold for metal.....	164 324
Design.....	D19 1+	Manufacture		Plural mold cigarette making.....	131 87
Protrusion to receive identification.....	40 360	Irons forging dies.....	72 472+	Plural rotary conveyor.....	198 608
Rack.....	211 44	Ordnance.....	89 37.01+	Potato digger.....	171 94
Picture or business card display.....	40 124	Tool or work		Potato digger.....	171 111+
Rack stacked article.....	211 50	Band saw.....	83 406.1	Rack.....	211 121+
Receiver plate.....	D06 449+	Circular saw rotary.....	83 409.1	Raking and loading harvesters.....	56 345+
Record machine control.....	235 487	Circular saw swinging.....	83 730	Reciprocating abrading tool.....	451 167
Retaining cabinet.....	312 183+	Coopering crozing staves		Rotary abrading tool.....	451 184+
Selection		Endless stave.....	147 19	Sheaf.....	56 477
Magnetic code.....	209 569	Sliding stave.....	147 20	Sheet drying apparatus.....	34 658+
Peripheral shape.....	209 608	Swinging stave.....	147 21	Showcase.....	312 134
Sewing machine.....	112 4	Coopering jointing staves saw		Traveling band abrader.....	451 300
Stop motions for jacquard looms.....	139 338	Sliding.....	147 30	Vehicle loading external.....	414 398
Support.....	D06 396	Tilting.....	147 31	Vehicle unloading external.....	414 390+
Tables folding.....	108 115+	Diminishing work piece slicer.....	83 703+	Wood planer.....	144 123
Tray-type container.....	206 557+	Mechanical movement.....	74	Feed tables for shearing machines.....	414 677
Verifying.....	73 156	Rotary gearing.....	74 353	Fire escape chute or tower.....	182 48+
Weaving pattern.....	139 333	Swinging gearing.....	74 354	Fire or heat shield.....	182 47
Workmens, time.....	346 134	Reciprocating, with cutter.....	83 435.11+	Fluid current.....	406 184+
Wound material holder.....	242 613.3	Saw making reciprocating tool.....	76 33	Furnace charging or discharging.....	414 147+
Card or Sheet Dispenser	221 33+	Saw making rotating tool			
Cardboard		Pivoted.....	76 42		
Boxes.....	229 100+	Sliding.....	76 43		
Making machine.....	493 52	Sawmill.....	83 713+		
Cardenolides	540 105	Sheet metal container seaming.....	413 69+		

Class Subclass		Class Subclass		Class Subclass	
Furnace fuel feeders	110 101 R+	Carroting	8 112	Piano	84 177+
Glass mold	65 361	Apparatus	69 28	Automatic	84 80+
Grain separator straw	460 86+	Carrousel	472 1+	Pocket for smoking pipe	206 244
Hand held	294 137+	Organ	84 84+	Protective	206 521+
Harness trace	54 54+	Cart (See Vehicle)		Reed organ	84 352+
Harvester	56 474+	Brakes	188 19	Sample	190 16+
Corn	56 121	Harness saddles	54 39.1	Shift	
Hose or nozzle support ladder		Patient service/crash cart	D24 185	Typewriter ribbon mechanism	400 216.6+
combined	248 78	Shopping	280 47.26	Typewriting machines	400 251+
Mechanical gun projectiles	124 41.1+	Nesting	280 33.991+	Show	312 114+
Occupant propelled vehicle		Carton, Paperboard	229 100+	Design, store furniture	D06 206
combined	280 202+	Cutter	83 946*	Special	206 314+
Package and article	224	Filling and sealing	53	Musical instrument	206 37+
Pattern controlled or programmed	112 470.06+	Flap deflector or closer	414 906*	Pocket and personal use	206 5+
Person	224 158+	Forming machines	493 52	Spectacle	206 44+
Hand held	294 140+	Openers	53 381.1+	Type	276 34.2
Photographic fluid treatment	396 564+	Dispensing carton	222 80+	Umbrella	135 25.41
Pivoted		Openers, cutlery	30 2	Hollow handle	135 18+
Cutting machine knife	83 597+	Tools	30 2	Imitation cane combined	135 18+
Screw threading machine chaser	408 150+	Cartoon Motion Picture Photography	352 50	Upending bed	5 159.1+
Shoe nailing machine	227 41	Cartridges (See Detonators, Signal		Vehicle foldable to traveling	280 37
Pneumatic dispatch	406 184+	And Indicators)		Violin	206 14
Railway drawbar	213	Ball point	401 209+	Watch	368 276+
Reciprocating		Belt with cartridge holder	D03 221+	Design	D10 30+
Abrazing band	451 304	Belts	89 35.01	Watch manufacturing processes	29 896.33
Cutting machine knife	83 613+	Beverage infuser	99 295	Wooden	217 5+
Envelop machine	493 186	Carbide feed acetylene generator	48 47	Barrel	217 73
Shoe nailing machine	227 99+	Carbide for acetylene generator	48 59	Bottle mailing	217 127
Reel		Carriers body or belt attached	224 223+	Egg	217 18+
Design	D08 358+	Bandoleer	224 602	Insulated	217 128+
Design, fishing	D22 137+	Covered flaps	224 239	Cased Glass Making	65 60.1
Rotating		Case	102 464+	Casein	530 360
Acetylene generator carbide		Case necking die shaping	72 352+	Coating or plastic compositions	106 159.1+
feed	48 48	Edge trimmer	86 19.7	Foods	426 656
Article heating	432 138	Extracting tools	81 3.05	Casement	
Bottle brushing machine	15 63+	Endless tape or film	242 326+	Housed roll	160 26
Can body feeding	413 50	Explosive	102 430+	Metal window fasteners	292 DIG. 33
Cotton picker spindle	56 44+	Belts, disintegrating	89 35.02+	Cash Card	705 41
Drying apparatus	34 184+	Blasting	102 314+	Cash Management	
Furnace charging reciprocating	414 156	Case making	86 19.5+	Computer controlled	705 35
Needle making	163 4	Caseless	102 431+	Accounting	705 30
Plural mold cigarette making	131 87	Chutes	193 25 AC+	Bill preparation	705 34
Selective printing plate	101 62	Combustible	102 700*	Tax preparation	705 31
Shoe nailing machine	227 99+	Feeding ammunition making	86 45+	Time-based billing	705 32
Slide	353 117	Feeding gun (see magazine)	89 33.01+	Credit or loan	705 37
Tobacco plug making	131 115	Loading	86 23+	Finance	705 35
Wood shaping work	144 154	Making	86 10+	Funds transfer	705 39
Selective conveyor delivery	414 227+	Packing	86 47	Remote banking	705 42
Controlled by condition of		Priming	86 32+	Using an (atm)	705 43
site	414 232	Pyrotechnic	102 346	With encrypted data	705 70
Sewing machine article attaching	112 104+	Film pack or cartridge	430 471	Requiring authorization	705 44
Sewing machine work	112 470.14+	Film pack with structure	396 511+	Secure transaction using	705 64
Shuttle thread carrier supports	139 206+	Fuse electric	337 228+	cryptography	705 64
Sleeping compartment combined	224 923*	Ink rupturable	401 132+	Able to use multiple cards	705 73
Spool	242 600+	Magnetic tape or film	242 335+	Anonymous user	705 74
Spool supports	242 136	Material containing for dispenser	222 325+	Authorization to proceed	705 76
Store service	186	Tilttable holder for	222 165	Charge determination at remote	705 77
Strand spool	242 118+	Picture film	D14 481+	site	705 77
Strap	294 149+	Still or motion picture film	242 335+	Communication between two	705 79
Swinging		Container for	206 387.1+	financial networks	705 79
Drying apparatus	34 184+	Carvacrol	568 781	With third party	705 78
Telephone	455 400+	Carving		Initializing	705 73
Textile fluid treatment	68	Wood processes	144 363+	Key management	705 71
Traversing hoist rope	212 117+	Cascade		Radio communication	705 73
Truss pad	128 106.1	Connection for alternating		Specialized keypad	705 73
Type casting matrix carriers	199	current motors	318 49+	Specialized terminal	705 73
Umbrella	224 186+	Refrigeration	62 335	Transaction confirmation	705 75
Folded umbrella	224 915*	Automatic	62 175	Verification of (pin)	705 72
Vehicle attached	224 400+	Case (See Casing; Receptacles)		To pay bills	705 40
Vehicle loading and unloading	414 340+	Blackening box and brush	15 258	With intelligent token	705 65
Forming a train of vehicles	414 339	Blackening or brush retained	401 118+	Balancing account	705 68
Forward movement onloads	414 338	Body and belt attached	224 191+	Detecting double spending	705 69
Forward movement unloads	414 337	Body electric applicators	607 149+	Initializing or reloading	705 66
Partly independent of vehicle	414 334+	Cardcase	150 147+	With authentication	705 67
Tractor-trailer to unload	414 333	Cartridge	102 464+	With paper check handling	705 44
Vertically swinging	414 680+	Cigar	206 242+	With programmed portable memory	705 41
Tilting	414 743	Combination	206 38	device	705 41
Weapon (see type of weapon)	224	Cigarette pack	D27 186+	Portfolio management	705 36
Weft replenishing feeler	139 269+	Clock	368 276+	Trading stocks, bidding	705 37
		Design	D10 1+	Cash Register	235
Carrier Current		Crank	123	Employee theft prevention	705 18
Modulator	332	Fishing rod	43 26	For electronic commerce	705 26
Radio system	455	For tennis racket		Having computerized data	705 16+
Telegraph system	178 66.1+	Flaccid	150 163	processing	705 16+
Multiplex	370 302	Hard shell	206 315.1	Coupon dispensing	705 1+
Telephone system	455 400+	For transport, handling of goods	D03 304+	Reading electronic price	705 20
Combined with power line	455 402	Hardening	148 206+	labels	705 20
Multiplex	370 480+	Lighted showcase	362 125+	Sales tax	705 19
Carrier Wave Repeater or Relay	455 7+	Matches	D27 173+	Storing sales tax data	705 19
Carrier Wave Repeater or Relay	370 315+	Paper cell making	493 90	Tabulating sales of individual	705 18
Frequency division multiplexing	370 492+	Pass or identification card	40 642.02+	items	705 18
Pulse or digital	375 211+	Design	D19 9+	Tracking inventory	705 22
Time division multiplexing	370 501				

Class Subclass		Class Subclass		Class Subclass	
User authorization systems	705 18	Hand or body	242 405+	Pottery machines	425 459
With electronic funds transfer	705 17	Special base or mount	242 406	Tunnel lining in situ	405 150.1+
With output features	705 24	Rotary shafting	464 170+	Type	199
With theft preventors	705 18	Flexible shaft combined	464 52+	Castoff	
Keyboard features	705 25	Sash cord guides	16 211+	Garment supporter	2 342
Multiple, interconnected, and/or	705 21	Wheel and	16 215	Sewing machine thread	112 56
controlled by host	705 21	Sewing machine casing	112 231	Castor Oil	554 219+
Toy (design)	D21 512	Shirred sausage casing	206 802*	Castrating Instrument	606 135+
Cash Register and Recorder	D18 4.1+	Shirring	452 21+	Catafalque	27 1
Coin box	235 100	Sifting	209 370+	Catalin T M (Phenoplast)	528 129
Combined	235 2+	Sight glasses for liquid level		Catalysts	502 100+
Computer controlled, monitored	705 16+	gauges	73 325+	Combustion products generator with	60 723
Fare	235 33+	Sign illuminated	40 541+	Enzyme containing	435 183+
Mechanical type (design)	D18 4.2	Signal for vehicle illuminated	116 49	Fermenting processes using	435 41+
Point of sale terminal (design)	D18 4.4+	Stove hood	126 302+	For wave energy process	522 6+
Cash register printer (design)	D18 54.1	Stuffing	452 35+	Plant	504 116.1+
Point of sale terminal	D18 12.1+	Switch	200 293+	Polymerization using transition	
elements (design)	D18 12.1+	Thermal current	337 186	metal (see also synthetic resin	
Recorders	235 4+	Telephone	379 440	or natural rubber)	526 906*
Registers	235 7 R+	Thermometer indicating tube	374 174+	Comminution of	526 906*
Cashew Nut Shell Liquor	562 475	Tilttable receptacle convertible		In presence of hydrocarbon	526 905*
Polymers from (see also synthetic		support	248 135	Monomer	
resin or natural rubber)	528 1+	Tire	152 151+	Hydrocarbon additive affects	
Cashmeres, Design	D06 603+	Armored	152 196+	polymer properties	526 903*
Casing (See Case; Envelope; Guard;		Armored antiskid	152 169	In bulk	526 902*
Housing; Package)		Cushion and pneumatic combined	152 155+	In vapor state	526 901*
Abrading apparatus	451 451+	Cushion enclosed core	152 310+	Part supported on polymer	526 904*
Bearings	384	Pneumatic	152 450+	Specified means of reacting	
Body light	607 90+	Vehicle stove air	237 30	components	526 907*
Boiler	122 494	Well	166 242.1+	Vapor phase in absence of	
Stand boiler and water tank	122 19.2	Wheel hub reinforcing	301 106+	transition metal	526 913*
Vertical sectional	122 224	Cask (See Barrel)		Redox catalyst	526 915*
Book making	412 1	Drum or	D34 39	Regeneration	502 20+
Brushes and brooms	15 171+	Making machines	147 1	Mineral oil conversion combined	528
Car stove protective	126 57	Pitching	118	Specified particle size	526 908*
Closure fastening bolt	292 337	Tilting apparatus	248 133+	Ziegler-natta	526 159+
Clutch	192 112	Casket	27 2+	Catalytic	
Coffin	27 35	Carriers	27 27	Apparatus	422 177+
Dispenser	222 173+	Design	D99 1+	Device making	29 890
Article	221 282+	Grave rest	27 26	Igniting device	431 268
For single mixed drink	222 129.1+	Locks	70 63	Mineral oil conversion with	208 46+
Door and arch	110 181+	Lowering devices	27 32+	Solids contacting	208 146+
Cooling	110 180	Portable casings for caskets	27 35	Catamenial Receptor	604 358+
Driven spoke reinforcing	301 83	Casserole (See Vessel)	215	Adhesive fastener for	604 387
Plural spoke series	301 77	Design	D07 538+	Cataplasmic Medicament Depositor	604 304+
Electric conductor and insulator	174 50+	Cassettes		Catapult	124
Sleeve and end cap		Camera	396 511+	Aircraft combined	244 63
type joints	174 93	Film and plates	206 455	Catch (See Associated Device)	
Vacuum or fluid containing	174 17 R+	Design	D14 475+	Basin	
Expandable chamber device	92 261	For recording tape	D14 475+	Dispenser type drip	222 108+
Filter	210 541	For video tape	D14 477	Dispenser type inverted	
Flashlight battery type	362 157+	Recorder	D14 164+	container	141 364
Flat	362 200+	X ray	378 182	Fountain type	239 28+
Tubular	362 202+	Cast Iron		Sewage type	210 532.1+
Food preserving	426 321+	Alloys	420 13+	Door and window	292
Sausage	426 332+	Heat treated stock	148 400	Dumping vehicles land type	298 38
Fuel elements of nuclear		Heat treatment	148 612+	Holder for fish	43 55
reactors	976DIG. 37+	Caster		Catcher (See Drip, Catcher)	
Heat exchange		Brake	188 1.12	Aerial projectile projector and	473 505+
Chamber	165 72+	Design	D08 375	Animal husbandry	119 801+
Horizontal	165 157+	Condiment	D07 590+	Band saw machine	83 814+
Motor vehicle radiator	165 148+	Glass or cup	211 74+	Body	182 137+
Trickler	165 115	Wheel type	16 18 R+	Dispenser waste	222 108+
Vertical	165 157	Casting		Fish automatic	43 15+
Hot air furnace	126 114	Battery electrodes	164	Harvester	
Lantern	362 362+	Coating combined	29 527.3	Cornstalk chopper	56 61
Machine elements	74 606 R+	Fishing	43 18.1 R+	Cornstalk motor type with	
Guards	74 608+	Forging combined	29 34 R+	chopper	56 16.6
Marine screw propeller	440 76	Methods	29 527.5	Cornstalk topper	56 56+
Measuring instrument	73 431	Glass	65	Cutter and endless carrier	
Design	D10 46+	Marine structure in situ	405 222+	with discharging	56 184
Metal rolling apparatus	72 237+	Metal	164	Cutter with detachable	56 5
Metal working with centrifugal		Continuous	164 418+	Cutting combined	56 202+
casing	29 DIG. 6	Controls	164 154.1+	Cutting reel combined	56 199+
Metal working with composite		Die	29 DIG. 10	Dump rake and cutter combined	56 166
casing	29 DIG. 8	Digest	29 DIG. 5	Fruit	56 329
Meter	73 273+	Founding	164	Shelled grain	56 207
Electrical service meter	361 659+	Centrifugal apparatus	164 286+	Insect	43 133+
Muffler and sound filter	181 282+	Centrifugal processes	164 114+	Inverted container drainage	141 364
Pipe joint coupling	285 45+	Heat treatment combined	148 538+	Railway droppings	104 133
Pneumatic conveyor material		Joining articles together	164 91+	Stove and furnace soot	126 280
intake fan	406 96+	Rheo-casting	164 900*	Traps	43 58+
Rotary	415 89	Working combined	29 527.5+	Fish	43 100+
Railway draft friction		Pile in situ	405 232+	Insect adhesive type	43 114+
Drawbar	213 65	Plastics, apparatus	425 256	Vehicle brakes on track type	188 63
Spring combined	213 31+	Metal working combined	29 527.1	Catenary	
Shoes and wedges	213 24	Molds, dynamic	425	Trolley wire supports	191 41
Railway motor placement	105 140	Sound records	425 406+	Cateract Correction Lenses	351 167
Axle mounting and stator		Plastics, processes	264 299+	Caterpillar T.m Track (See Track)	
combined	105 137	Centrifugal	264 310+	Cathode	313 305
Ray generator	250 522.1	Sound records	264 106+	Cathartic Composition	424
Reel carrier	242 398+	Pottery machines	425 263+	Cathead	

	Class Subclass		Class Subclass		Class Subclass
Automatic	254 373	Organ stops	84 371	Center Punch	30 366
Drum	242 903*	Cell		Locating	33 670+
Catheter		Acetylene gas generator	48	Sheets or bars	30 366
Milker	119 14.19+	Airship gas	244 128	Centerboard	114 127+
Surgical	604 96.01+	Box or receptacle		Centerers	82 170
Balloon	604 103.01+	Making, paper	493 90	Centering Devices	
Couplings	604 533+	Metallic	220 507	Aligning tool	29 271+
Design	D24 112+	Paperboard	229 120.02+	Circular saw on work holder	76 79
Flexible	604 523+	Wooden	217 18+	Locating	82 170
Genital	604 264+	Cartridge belt block	224 239	Mold for arch or tunnel	
Inflatable	604 96.01+	Dry	429 163+	Repositioning means for	
Elastic	604 103.03+	Electric	429	progressive molding	425 63
Inelastic	604 103.05+	Chemical	429	Using subterranean feature	425 59
Intravenous	604 508+	Photo	136 243	With vehicle to move apparatus	425 62
Manipulative	604 523+	Railway rolling stock systems	105 51	Slide in cylinder	175 325.1+
Cathode		Thermo	136 200+	Well casing type	166 241.1+
Arc lamp	313 326+	Electrolytic	204 194+	Centerless Grinding	451 242+
Electrolytic	204 280+	Circuit interruption type	361 435	Propelling work through	451 182+
Electronic tube eg radio tube	313 346 R+	Testing	204 400+	Work rest for	451 407
Forms for galvanic apparatus	204 280+	Galanic, gas type	429 12+	Central Heating Systems	237 13
Gas or vapor lamp	313 326+	Jail	52 106	Centrifugal Force	
Making for discharge device	445 46+	Leaching or diffusing	127 7	Assorting	209 642
With assembly	445 35+	Photo electric	136 243+	Brake systems fluid	384 168
Ray tube		Queen bee	449 8	Brakes	188 180+
Circuit blanking	315 384	Storage battery	429 149+	Fishing reel	242 287
Facsimile systems	358 485+	Support for removable cell	429 96+	Centrifugally operated devices	
Focus coil and	313 442	Cellar	52 169.1+	Abrading tools	451 465+
Focus coil per se	335 213+	Cello (See Violin)	84 274	Bearings	384 135+
Image pick-up tube	313 365+	Cellophane		Bobbin winding	242 484.6+
Manufacturing	445 36+	Compositions	106 163.01	Cable drum drive or brake	254 267
By photography	430 23+	Making article from	493	Fuse arming	102 237+
Music application	84 DIG. 6	Cellulosolve T M	568 678	Governor (see governor)	
Oscillographs	347 226+	Cellular (See Porous)		Light support	362 384
Oscilloscopes	324 121 R	Glass body making	65 22	Lubricator force feed	184 43
Repair	445 2	Glass composition	501 39	Lubricator gravity feed	184 77
Screen	313 461	Laminate	428 304.4+	Pipe and tube cleaners	15 104.14
Used in teaching	434 307	Forming by spaced sealing	156 290+	Switch	200 80 R
Used in teaching	434 323	Magazine type		Classifying by fluid suspension	209 148
Storage	313 391+	Cabinet	312 97.1	Clutches	192 103 R+
Structure	313 364+	Dispenser	221 69	Comminution apparatus	241 275
Symbol generation on screen	345 10	Plant or animal material, polymer		Comminution process	241 5
Systems	315 1+	ctg or derived from (see		Conveyers and feeders	
Television receiver	348 725+	synthetic resin or natural		Feeder	209 915*
Television scanner	348 207.99+	rubber)		Pneumatic	406 100+
Television systems	348 +	Polymer (see also synthetic resin		Structure, rotary	198 803.1
Television transmitter	348 723+	or natural rubber)	521 134	Structure, thrower	198 638
Work holder for	269 908*	Spring mattresses	5 716+	Dispensing	222 410+
Sputtering		Celluloid T M	106 169.01+	Drying apparatus	34 58+
Apparatus	204 298.01+	Cellulose and Derivatives	536 56+	Drying process	34 312+
Processes	204 192.1+	Compositions	106 163.01+	Film formers or spreaders	
Catnip Ball	119 707+	Esters	536 58+	Coating machine	118 56
Catsup	426 615	Compositions	106 168.01+	Coating process	427 240
Cattle Guard		Ethers	536 84+	Evaporators	159 6.1
Fences	256 14+	Compositions	106 172.1+	Fluid treatment cleaning and	
Track type automatic return gate	49 133+	Fermentation of	435 179	washing textile fibers yarns	68 147+
Caulking Gun	D08 14.1	Fermentative treatment	435 277+	Forming or casting	
Caulitic		Hydrolysis to sugars	127 37	Liquid comminuting	425 6+
Alkalis	423 641	Liberation	162 1+	Liquid comminuting	425 425
Cauter		Nitrogen containing	536 30+	Metal apparatus	164 286+
Electric	219 232+	Cement (See Adhesive)		Metal process	164 114+
Electric	219 236	Aluminous cement	106 692	Molding apparatus	425 425
Liquid or gaseous fuel	126 405+	Clinker	106 739+	Process	264 310+
Surgical combined	606 44	Clinker	106 739+	Pulp	162 384+
Cave	52 169.1+	Compositions containing	106 638+	Sugar crystals	127 19
Caviar	426 643	Refractory	501 124	Grain hullers	99 519
Canned	426 131	Cycle tire	106 33	Gun	124 4+
Cavity Resonator	333 227	Earth treatment with	405 266+	Lubricators	184 70
In cathode ray tube	315 5+	Injector	405 269	Meter fluid flow	73 861.29
In electronic tube	315 39+	Magnesia soret	106 685+	Mufflers and sound filters	181 274
Magnetron	315 39.51+	Manufacturing processes	106 739+	Nut crackers	99 571
Spectrometer electrical	324 316+	Portland roman	106 713+	Pumps	
Ceiling	52	Roads	404 17+	Gas rotary	415
Block	439 450	Making	404 72+	Gas screw combined	415 143
Article supported from	52 39	Sheet structure	404 17+	Liquid rotary	415 203+
Quick detachable	439 450	Shoe sole attached by	36 19.5	Material agitating	366 263+
Cargo ship	114 76	Cementing		Scatterers or sprayers	
Spaced roof	52 22	Implements	15 235.4+	Fluid sprayer	239 214+
Suspended	52 506.06+	Lining and coating pipes	118 105	Fuel burners	239 214+
Waffle type	52 337	Lining and coating pipes	118 125	Gas and liquid contact	261 83+
Hanger	52 506.06	Lining and coating pipes	118 404+	Rotary	239 681+
Lights	362 147+	Lining and coating pipes	425 110+	Spray fluid actuated	239 381
Ceiling		Lining and coating pipes	425 460	Separating colloids	516 197
Wood buildings		Shoe making	118 410+	With vaporizing, heating	516 195
Centerpieces	52 311.1	Well cementing processes	166 285+	or cooling	516 195
Celcon (Resin from Trioxane and Ethylene Oxide)	528 250	Center		Separator (see separators and separating, centrifugal)	
Celery		Drilling work support	408 72 R+	Spinning apparatus	57 76+
Blanching	47 3	Gauge	33 670+	Centrifuge	D24 219
Harvesters	171 21+	Lathe centers	82 151+	Instrument proving or calibrating	73 1.87
Planters	111 100+	Making in work for mounting	408 199+	Centripetal Apparatus	
Salt	426 638	Milling tail stock	409 242	Dispenser rotary central discharge	222 411
Celeste	84 DIG. 4	Woodworking lathe	142 53	Extractors with inward flow	210 360.2+
		Center of Gravity Measuring	73 65.01		

Class Subclass		Class Subclass		Class Subclass	
Pumps rotary	415 120+	Wood mortising cutter	144 72+	Tobacco smoke treating	131 211+
Cephaline	546 96	Chain Saw	30 381+	Volume or rate of flow meter	73 861+
Cephalosporin	540 215+	Chair	297	Expandable chamber type	73 232+
In drug	514 200+	Baggage convertible to	190 8	Chambray	139 416
Cepharanthrine	546 31	Barbers	297 68+	Cord stripe	139 417
Ceramics		Design	D06 334+	Chamfer	
Compositions	501 1+	Bath	4 578.1	Barrel chamfering machines	147 13+
Fluxes	106 313	Bottom connected to rocker	297 259.1+	Barrel closure	217 80
Firing apparatus	432	Cabinet combined	312 235.2+	Bench planes for chamfering wood	30 484+
Firing processes	264 603+	Chair lift	D12 52	Coopering tools for chamfering	147 42
Forming and molding	425	Chaise lounge	D06 360	Gear chamfering machines	409 8
Uniting combined	264 241	Design, seat	D06 334+	Chamois	8 94.1 R+
Hazardous or toxic waste containment	588 252+	Doll or toy	446 482	Chance and Game Apparatus	
Cerates	424	Dry closet	4 465	Baseball	273 244.2
Cereals	426 618+	Elevator landing	187 357+	Board games	273 243+
Apparatus	99	Exercising	482 142+	Chance devices	273 138.1+
Comminution	241 6+	Fan combined	416 146 R	Check connector reciprocating	194 293+
Design	D01	Folding	297 158.4+	Check connector turning	194 295+
Preservation	426 321+	Folding vehicle occupant seated	280 650	Check lock releasing	194 247+
Puffing, processing	99 323.4+	Hardware and attachments	297 463.1	Guns mechanical	124 33
Ceremonial Robe	D02 739	Kinesiotherapy	601 49+	Chandelier	362 405+
Ceresin	208 24+	Ladders	182 33	Design	D26 72
Cerium		Light thermal or electrical application	607 115+ 607 115+	Hanger	362 406+
Alloys	420 416	Locks	70 261	Change	
Inorganic compounds	423	Milking stool type	297 175+	Bag for photographers	396 590+
Recovery	423 21.1+	Pedestal design	D06 364	Coin machines	D20 1+
Pyrometallurgy	75 610	Railway car type making	29 16	Gate	232 14
Cermet	75 230+	Railway surface track	238 187+	Maker	453 1+
Certificate		Concrete pedestal bar	238 116	Changeable Exhibitor	
Design	D19 9	Crossings	246 467	Amusement cards and pictures	446 147+
Of deposit	D19 9	Insulated rail joint	238 154+	Card picture and sign	40 446+
Cesium		Reversible rail or english type	238 266	Electric annunciators	340 815.4+
Compounds	23	Switches	246 453	Systems	340 286.11+
Preparation	75 745	Two rail	238 20	Figure toys, features change	446 321
Pyrometallurgy	75 589	Rebar	52 677+	Illuminated	362 253
Radioactive compositions	252 625	Reclining	297 68+	Indicator combined	116 307
Cesspool	210 542	Road	404 136	Information displaying	40 446
Sewage purifying	210 532.1+	Rocker-mounted	297 258.1+	With sound	40 455
Cevadine	546 34	Round making	144 8	Channel	
Chafe		Self leveling	114 194	Ditch	405 118
Guard positioned between article and bearer	224 907*	Theater seat	297 311+	Lining	405 268
Prevention on trawling net	43 9.9	Tilting	297 300.1+	Electric signals	340
Chafe Iron Vehicle	280 161+	Wheel chair	280 647	High frequency	333
Chafing Dish	D07 355	Chair Lift Design	D12 52	Radio	455
Chain	59 78+	Chaise Lounge	D06 360	Telegraph	178
Bracelets	63 4	Chalk		Telephone	379
Cable stoppers	114 200	Chalkboard cleaning, chalk or chalkdust holder	434 417	Fishway	405 81+
Chain saw machines	83 788+	Composition	106 31.09	For electric conductor	174 68.3+
Mining	299 29+	Cord	33 414	Glass conditioning	65 346
Saw element	83 830+	Cue chalkers	473 35+	Guide	112 50
Design	D08 499+	Holder	401 88+	Iron structural members	52 846+
Ornamental	D11 13	Chamber (See Process, machine Or Device With Which Associated)		Navigable	405 84+
Door fastener	292 264	Automatic weighers	177 60+	Preserving channel for water control	405 21+
End holders	24 116 R	Chemical apparatus	422	Rail and tie	
Endless chain coupling	464 49	Elements or details	422 310	Flange down railroad ties	238 59+
Endless chain pumps	415 5	Cleaning and liquid contact with solids	134	Flange up railroad ties	238 62+
Endless earth boring tool	175 89+	Clean room ventilation	454 187	Rail joints splice bars in	238 161
Fabrics	245 4	Closet	4 300+	Railroad rails	238 127
Flexible shafts	464	Disinfecting	4 222+	Railroad rails joints	238 176
General purpose	D08 499+	Concentrating evaporator	159 12	Two part railroad ties	238 56
Grates	110 269+	Closed	159 22+	Stock	428 122
Jewelry attachments	63 21+	Dissolver-mixer sprayer	239 267+	Metallic	428 595
Design	D11 13	Distilling	202	Type holding printing	276 37
Key ring	70 457	Drying and gas or vapor contact with solids	34	Channeling Machine and Tool	
Link formation by soldering	72 192	Internal resistance brake	188 266+	Ditcher	37 347+
Lubricators	184 15.1+	Liquid separation or purification	210	Mining	299
Making	59 1+	Motor		Endless flexible cutter	299 34.01+
Molds for chains	249 57	Expansible chamber type	91	Machine	299 29+
Ornamental	59 80+	Mufflers and sound filters	181 212+	Rotary cutter	299 39.1+
Design	D11 13	Musical instrument		Sewing leather	112 45
Propellers	416 7+	Piano	84 24+	Shoe sole	12 27+
Marine type	440 95+	Pipe organ	84 331+	Shoe sole combined with trimming	12 85.2
Reaction, nuclear	376	Reed organ	84 351+	Chaplet	164 398+
Skid chains	152 231+	Pipe or tube pressure compensator	138 30	Character Recognition	
Applying tool	81 15.8	Pneumatic conveyor	406	Computer means	382
Design	D12 608	Pot type	4 479+	Radiant energy, optical or pre-photoelectric system	382 312
Sprocket	474 152+	Preserving, disinfecting, and sterilizing	422 243+	Characters	
Bicycle	D12 123	Pumps	417	Calendar slide	40 109
Design	D15 148+	Expansible chamber type	417 437+	Font generation	345 467+
Guards	474 144+	Pressure compensator	417 540+	Generation	345 467+
Stirrer, chain-type	366 607*	Rotary	418	Interchangeable sign	40 618
Stitch sewing machine	112 197	Resilient tire	152	Markers for calendar	40 110
Tire	152 208+	Steaming textiles	68 5 C+	Printing	101
Design	D12 608	Submarine dredger	37 313	Sensing	382
Traction railways	104 172.1+	Therapeutic treatment with medicaments	128 202.12	Controlling display	345 204+
Warp threads	28 175+			Controlling punch	234 59+
Watch chain snap hooks	24 905*			Operating typewriter	400 61+
Welding	59 31+			Photoelectric	382 321
Electric	219 51			Television	
Wheel combined for traction	301 42			Telegraphic printing system	178 30

Class Subclass		Class Subclass		Class Subclass	
Type casting.....	199	Bed and platen shifting.....	101 63+	Irreversible reaction.....	44 250+
Charcoal		Securing or mounting means.....	101 390	Readily reversible reaction.....	252 70
Absorbents containing.....	502 416+	Chasers	408 215+	Chemiluminescent	252 700
Briquettes.....	44 591+	Type setting.....	276 38+	Lighting.....	362 34
Broilers.....	99 385+	Chasing Mill	241 107+	Tests involving.....	436 172
Design.....	D13 100	Ball type		Chemistry & Chemical (See Particular Compound, Composition, or Art)	422
Production by distillation.....	201	Frictional drive.....	241 103+	Analytical and analytical control	
Stoves.....	126 25 R	Loose ball.....	241 173+	methods.....	436 43+
Charge		Chassis		Apparatus.....	422 44+
Dispensing.....	222	Amplifier.....	330 65+	Fermentation.....	435 283.1+
Explosive		Electrical devices.....	361 679.01+	Carbon compounds.....	260
Ammunition making and.....	86	Radio parts type.....	361 814	Carbon compounds.....	560
Ordnance pneumatic combined.....	89 7	Radio system.....	455 347+	Chemical composition	
Forming		Television.....	348 836+	Crosslinking.....	252 183.11+
Fuel injection.....	123 445+	Vehicle.....	280 781+	Curing.....	252 182.11+
Internal combustion.....	123 434+	Occupant propelled type.....	280 281.1+	Hardening.....	252 182.11+
Internal combustion combined		Chatelaine		Interactive.....	252 182.11+
generating.....	123 3	Bag case or frame carrier.....	224 268	Non-interactive.....	252 182.11+
Charge Transfer Device		Safety hooks.....	24 4	Vulcanizing.....	252 182.11+
Delay line.....	327 261+	Check		Chemical manufacture, misc.....	156
Logic circuit.....	326 61	Automated functions.....	705 33	Chemical oxygen demand tests, cod.....	436 62
Memory.....	365 183	Bank.....	283 58	Chemical symbol character.....	400 900*
Shift register.....	377 57	Design.....	D19 11	Classifying, separating, &	
Structure.....	257 214+	Cash registers		assorting solids.....	209
Wave transmission lines.....	333 165	Check employing or controlled.....	235 17+	Cleaning & liquid contact with	
Charger and Charging		Printing checks.....	235 3	solids.....	134 1+
Arc furnace device.....	373 60	Money orders.....	705 18	Apparatus.....	134 42+
Arc between spaced electrodes.....	373 62+	Security.....	705 18	Coating apparatus.....	118
Charging or discharging.....	373 79+	Coin type.....	40 27.5	Coating processes.....	427
Battery.....	320	Controlled apparatus.....	194	Printing.....	101
Design.....	D13 107+	Cash registers.....	235 3	Cooling by chemical reaction.....	62 4
Bin or tank.....	414 288+	Cereal puffer.....	99 323.8	Distillation	
Electric furnace.....	373	Dispensers.....	222 2	Apparatus.....	202
Glass furnace device.....	373 33+	Lock releasing slots.....	194 247+	Separatory processes.....	203
Induction furnace device.....	373 142+	Motion picture machine.....	352 104	Thermolytic processes.....	201
Resistance furnace device.....	373 115	Self photograph.....	396 2+	Dyestuffs.....	8
Electrophotographic copier		Telephone systems.....	379 143+	Electrical current producing	
development.....	399 222+	Voting machines.....	235 53	apparatus, product & process.....	429
Filters, liquid.....	210 456	Weighers.....	177 125	Electrical radiant or wave energy.....	204
Precoat adding means.....	210 193	Workmens time recorder.....	346	Fermentation.....	435
For capacitor.....	320 166+	Door.....	16 82+	Fertilizers.....	71
For capacitor.....	307 109+	Closer combined.....	16 49+	Foodstuffs.....	99
For nuclear dosimeter.....	320 166	Design.....	D08 330+	Inorganic.....	423
For nuclear reactor.....	376 264	Gun breach gas.....	89 26	Measuring instrument.....	D10 81
For pocket chamber nuclear.....	320 166	Gun recoil.....	89 42.01+	Metallurgical.....	75
Furnace type.....	414 147+	Harness underchecks.....	54 57	Reactions.....	376
Heating.....	110 101 R+	Labels tags and.....	283 81	Modification of synthetic resins or	
Metallurgical.....	266 176+	Labels, tags, design.....	D20 22+	natural rubbers.....	525
Gas generators.....	48 86 R	Protectors		Modification of textiles & fibers.....	8 115.51+
Lamp bulb		Embossing.....	101 24	Fluid treating apparatus.....	68
Gas.....	141 66	Fraud preventing coating.....	427 7	Manipulative fluid treatment.....	8 147+
Gas combined.....	445	Writer machines.....	D18 5	Photographic chemistry, processes &	
Latent image formation.....	399 130+	Check-Out Counter	186 59+	products.....	430
Liquid purification.....	210 519+	Checkbook Cover Design	D19 26+	Physical processes.....	23 293 R+
Means to add treating material.....	210 198.1+	Checker Brick	165 9.1+	Refrigeration.....	62 4
Tangential.....	210 512.1	Checkers	D21 390	Sterilizers, refrigeration	
Magazine.....	42 87+	Game board design.....	D21 348	combined.....	62 78
Metal under pressure.....	164 303	Checkhooks	54 61+	Synthetic resins (see synthetic	
Molding apparatus for nonmetals.....	425 542+	Checking and Unchecking Device	54 70	resin or natural rubber).....	520 1+
Block.....	425 258+	Underchecks.....	54 57	Teaching.....	434 298
Glass.....	65	Checking Watermarks	356 432+	Chemotherapy Drugs	
Nuclear reactor.....	414 146	Checkout Counter	D06 396+	5-fluorouracil.....	544 313
Pneumatic motor railway.....	104 157+	Checkreins	54 16+	Chendoxycholic Acid	552 551
Receptacles.....	141	Check Plate Railway Draft	213 54+	Chenille	223 45
Portable.....	141	Cheese		Misc manufacture.....	28 144
Refrigeration apparatus.....	62 292	Compositions and processes.....	426 582+	Spinning twisting twining	
Process.....	62 77	Cutter.....	83	Apparatus.....	57 24
Ship.....	414 137.1	Cutter and expresser.....	425 308	Strand structure.....	57 203
Still.....	202 262+	Design.....	D01	Tufting sewing machine.....	112 80.01+
Closure combined.....	202 251	Making apparatus.....	99 452+	Woven pile fabrics.....	139 393+
Processes.....	201 40	Packaging.....	426 392+	Strands.....	139 395
Transfer of image (latent).....	399 154	Preservation.....	426 330.2	Cherry Seeder	30 113.1+
Transfer of image (toned).....	399 297+	Presses.....	100	Chess Pieces	D21 388+
Charlotte Russe	426 658+	Textile		Chest (See Box)	
Charm	63 23	Fluid treatment.....	8 155.2	Cedar.....	206 278.1
Jewelry.....	D11 79+	Packages.....	242 159+	Medicine.....	206 828*
Charpy Test	73 844	Treating apparatus.....	99 452+	Protector.....	2 92
Charring (See Carbonizing)		Cheesecloth	139 426 R	Tool.....	206 349+
Chart		Chelate		Wind.....	84 54
Apparel layout.....	33 12+	Aluminum containing.....	556 175	Woodworking tool and workbench	
Astrological.....	434 106+	Chelation ion exchange.....	423 DIG. 14	combined.....	144 285
Astronomical.....	434 284	Cleaning or detergent		Chest of Drawers	D06 432
Color display.....	434 98+	compositions containing.....	510	Cheviot	26 19+
Educational.....	434 430	Drug compositions.....	424 DIG. 6	Chevron	2 246
Holder for map or chart.....	40 904*	Food or edible material.....	426 271	Badge.....	40 1.5+
Light ray type.....	33 268	Heavy metals containing.....	556 1+	Chewing Gum	426 3+
Menstruation.....	40 109	Printing dye with metal chelating		Package.....	206 800*
Music.....	84 471 R+	group.....	8 452	Tobacco combined.....	131 347+
Recorder.....	D10 46	Tobacco smoke separator or treater.....	131 334	Chicken (See Fowl)	
Chase		Chelidamic Acid	546 299	Chiffon, Foamable Edible Material	426 571
Gem setting.....	63 26+	Chemical Modification,protein	530 402	Chiffoniers, Trunks	190 19
Printing.....	101 391	Chemical Reaction Heat Producers			

Class Subclass		Class Subclass		Class Subclass	
Childproof Bottle Closures	215 201+	Hydrolysis of	568 859	Design	D11 130.1
Chilean Type Mill	241 107+	Chloride		Fluorescent	250 462.1
Chill		Binary halides inorganic	423 462	Imitation	428 7+
Brake shoes	188 260	Biocides containing	424	Lamps	D26 25+
Fastener bedstead	5 289	Dissolver, sodium chloride & potassium chloride.....	422 902*	Light string	D26 25
Metal founding	164 371+	Halocarbons	570 101+	Ornaments	428 7+
Chilling iron processes	164 127	Hazardous or toxic waste destruction	588 400+	Design	D11 117+
Consumable	164 357	Hydrochloric acid	423 481+	Series lamp system	315 185 R+
Patterns chill supporting	164 230	Organic acid halides.....	562 800+	Chromanes	549 398+
Sand mold or core having	164 352+	Oxidizing compositions.....	252 186.1	Chromate Processes	
Static mold having	249 111	Salts inorganic	423 462+	Metal coating	148 264+
Chime		Sulfur	423 462	Photographic	430 289.1
Bells	84 406+	Chlorination		Chromatography	73 19.02+
Clocks	368 273	Hydrocarbon	570 101+	Gas separation	96 101+
Clocks	968 217+	Water purification	210 198.1+	Gas content of liquid or solid	73 19.02+
Electric	340 392.1+	Processes	210 754+	Process	95 82+
Musical	84 402+	Chlorine	423 500	Testing	73 23.35+
Design	D17 22	Biocides containing	424 661	Hydrocarbon purification by	585 825
Electric tone type	84 600+	Bleaching with	8 101+	Liquid	210 656+
Signal	116 141	Electrolytic bleaching of organic fibers	205 690	Gel or liquid-liquid	210 635
Chimney		Electrolytic synthesis.....	205 618+	Testing	73 61.52+
Building flue heaters	454 43	Feeder	137 87.01+	Physical recovery methods	435 803*
Cap, masonry	52 244	Chlorine Di-,Monoxide Oxidizing Composition	252 187.21	Testing of gas content	73 19.01
Cap, ventilating	454 4+	Chlorocarbonic Acid Esters	558 280+	Chromium	
Cleaning	134 1+	Chloroform	570 181	Alloys (non-ferrous)	420 428
Brush or broom	15 249.1+	Preparation from acyclic halides	570 101+	Alum	423 544+
Scraper	15104.068+	Chlorophenols	568 774+	Chromates	423 595+
Lamp chimney lantern	362 180	Chlorophyll	540 145	Electrolytic synthesis	205 484+
Chimney element	362 312+	Chloroprene	570 189	Ferro	420 34+
Chimney element design	D26 118	Preparation	570 216	Organic compounds	556 57+
Masonry smoke flue	52 245+	Solid polymers (see synthetic resin or natural rubber)		Oxid pigments	106 453+
Static mold for making	249 17	Chlorpheniramine, in Drug	514 357	Oxides and hydroxides	423 607
Ventilation	454 1+	Chock		Electrolytic synthesis	205 538
Design	D23 374	Boat supports	114 381	Plating	
Chin		Design	D12 217	Electrolytic	205 283+
Rest		Railway car stops	104 257+	Electrolytic plural layers.....	205 178+
Firearm stocks	42 71.01+	Brake type	188 36+	Metal stock	428 666
Violin	84 279	Ship spar	114 101	Pyrometallurgy	75 623
Violin combined with support	84 278	Vehicle fender combined	293 7	Electrolytic	205 572
Strap		Wheel on ground	188 32	Chromosomes	
Hats	132 58	Chocolate	426 631+	Color picture viewer	359 629+
Surgical	602 902*	Confectionery containing	426 631+	Colorimeter	356 402+
Support		Molding	425	Chromosome Multiplication, Cross-Breeding	47 DIG. 1
Corpse	27 25.1	Refiner	241	Chronograph	
Surgical	602 902*	Choke		Electrical or electronic	368 114
China Oil	554 1+	Coil	336	With speed determination	324 178+
Compositions	106 244+	Firearm barrel	42 79	Recorder	346
Synthetic resin or natural rubber ctg (see synthetic resin or natural rubber)		Input filter	333 181	Watches	368 101
Chinaware	D07 500+	Plug	184 52	Watches	968 835+
Display stand	D06 512+	Choke		Chronometer	
Vase	D11 143	Having plurality of leaves	261 DIG. 58	Structure	368 62+
Chintz	139 426 R	Interchangeable	261 DIG. 57	Testing	73 1.42+
Chip		Leaves flexible.....	261 DIG. 59	Chronoscope	
Breaker	144 243+	Longitudinally reciprocating along air passage	261 DIG. 61	Electric	368 107
Cutting tool with	407 2+	Having movable parts	261 DIG. 62	Chrysanthemic Acid, in Drug	514 572
Cutting	83 906*	Suction operated	261 DIG. 64	Annular for wood turning	142 52
Making		Throttle-operated	261 DIG. 63	Counterpoised	142 51
Comminuting type	241 83+	Cholic Acid	552 548	Electromagnetic holders	335 289+
Slicer type	144 162.1+	Cholecalciferol	552 653	Hollow mandrel guide	142 54
Poker	40 27.5	Cholecalciferol, in Drug	514 167	Key	81 16
Design	D21 390	Cholesterol Compounds	552 544+	Nailing machine	227 149
Chiropody		Cholesterol, lipids, triglycerides	436 71	Chrysanthemum	PLT 284+
Bandages	602 67	Cholic Acid	552 549	Chuck (See Socket)	279
Kinesiotherapy	601 1	Choline	564 293	Church Bell	116 148+
Pedicuring instrument	132 73+	Choline Acetate	560 253	Electrically simulated	340 398.1+
Shields	128 882	Chopper		Churn	366
Chisel		Cornstalk type	56 60+	Agitator type	366
Cold	30 168	Cotton chopper plow	172	Butterworker combined	99 452+
Design	D08 47	Chopper heads	172 518+	Design	D07 371
Dovetail	144 88	Dc to ac	363 124+	Chute (See Conveyor)	193
Mortising	144 67+	Food	241	Amusement railway	104 69
Sawtooth cutting machine	76 28	Block or board	269 289 R+	Assorting	
Stoneworking	125 41	Meat tenderizer	452 147	Gaseous suspension	209 149
Tenoning	144 202	Stalk	56 500+	Gauging apertures	209 682
Wood turning	142 42+	Chopping		Household sifting bin	209 375
Pattern guide combined	142 21	Blocks and boards	269 289 R+	Liquid suspension reciprocating ..	209 196
Woodworking implement	30 167+	Chord		Liquid suspension stationary	209 202
Chitin	536 20	Played by single key of keyboard	84 443+	Manual	209 702+
Chloracetic Acid	562 602	Selector for zithers.....	84 286+	Rolling incline	209 69
Chloral	568 495+	Christmas Tree		Billiard rack, pocket and	473 22+
Hydrate	568 844	Candle holders	431 296	Cabinet	
Chloramine	423 383	Container or wrapper for	493 956*	Showcase type	312 124
Chloramphenicol	564 213	Decorative lights	362 249.16+	Stock and sample	312 121
Chloranil	552 308	Design	D11 118+	Can making machine body feeding ..	413 70+
Chlorate	423 475	Design	D11 118	Card magazine	312 60
Electrolytic synthesis	205 502+	Holder	248 511+	Conveyer having gravity section	198 523+
Per compounds	205 474+			Deposit and collection receptacle ..	232 44+
Oxidizing compositions	252 186.1+			Dumping vehicle	298 7
Chlorazene Chloramine T	562 837			Fire escape	182 48+
Chlorhydrins	568 841+			Fruit gatherer	56 328.1+
				Furnace fuel feeder	110 116+

Class Subclass		Class Subclass		Class Subclass	
Fixed detaching member	56 340	Design	D13 160	Binder device releasably engaging	
Pole type pivoted jaw	56 334	System	361 1+	aperture or notch of sheet	402
Pole type pivoted knife	56 336	Closer	200	Book or leaf holder	281 45+
Hopper rr car bridge for side	105 252	Annunciator	340 815.89	Bracket clamped to support or mount	248226.11+
Hopper rr car center	105 249	Arc lamp having	314 131	Bracket with article holding clamp	248 316.1+
Mortar mixing discharging	366 68	Arc lamp shunt closing or cut		Building components	52 584.1
Nail etc feeder inclined	470 180	out	314 10+	Anchor or tie	52 698+
Planter vibrating	111 76	Changeable exhibitor control	40 463+	Clasp, clip, or support clamp	24 455+
Plural destination conveyor &	198 359	Lamp or electronic tube		Design	D19 65
Showcase	312 124	combined with	315 32+	Clip board	24 67.3+
Stock and sample	312 121	Lamp or electronic tube system	315 362+	Closure fastener	292 256+
Spindle lathe automatic feed	142 20	Closing apparatus	200	Rod clamp type	292 305+
Stratifiers liquid treatment	209 458	Controller (see system having)		Cord rope and strand anchors	24 115 R+
Reciprocating	209 437+	Clock electric	368 52	Bridge cable	14 22
Reciprocating rotating	209 435+	Condenser structure	361 271+	Sash cord	16 205
Rotating	209 444	Electronic type	327 518+	Dental implement	433 153+
Spiral	209 434	Flashing light etc	40 902*	Dam	433 138+
Stratifiers movable bed	209 479+	Phase regulation	323 212	Design	D08 72
Stratifiers pneumatic treatment	209 477	Regulators	323	Hose	24 19
Movable bed	209 471+	Rheostat or resistance	338	Appliers	81 9.3
Textile liquid treating		Switch structure	200	With support	248 75+
receptacle conditioning	68 178	Transformer	323 355	Jar lid	D09 435+
Pleating in receptacle	68 177	Trolley conductor section		Locked	70 19
Typesetting converging	276 20+	switching	191 16+	Metal deforming apparatus	72 293+
Vehicle body endgate combined	296 61	Tuners	334	Moderator structure for nuclear	
Wooden silo	52 195	Interruption		reactor	376 458
Cibanite T M (Aminoplast)	528 230	Electrical systems	307 96+	Paper fastener	24 67 R+
Cigar and Cigarette	131	Electrolytic	361 435	Portable	269
Ashtray	D27 102+	Inverter systems	363 109	Railway track fastening	238 338+
Bands for	D20 22+	Rectifier systems	363 108+	Saw setting	76 78.1+
Case	206 242+	Regulator electrical systems	307 96+	Scaffold binders	24 16 R+
Combination	206 236+	Therapeutic apparatus	607 72+	Shoemakers	12 103
Design	D27 186+	Maintenance		Static mold	249 219.1
Cutter	30 109+	Signal box transmission	340 292	Strand tensioning	242 149+
Appliance combined	131 248+	Telegraph lines	178 69 R	Surgical implement	606 151+
Cigarette case combined	206 238+	Maker and breaker	200	Design	D24 143
Design	D27 195	Annunciators	340 815.89	Testing strength of specimen with	73 856+
End cutter	83	Arc lamp cutout or shunt	314 10+	Woodworking	269
Machine	83 931*	Arc lamp system	314 131	Clamped Work (See Holders)	
Design	D27 101+	Check control telephone	379 146+	Abrading machine	451 365+
Extinguisher	131 256	Electromagnetic switching		Butchering	452 194+
Filter end	131 331+	systems	361 139+	Cutting & punching sheets & bars	83
Filter for	131 331+	Key telegraph	178 101+	Cutting tables	83 451+
Ash tray combined	131 234	Lamp or electrode tube system	315 362	Drawcut	83 642+
Cigarette case combined	206 236+	Motor system	318	Drawcut	83 644+
Dispensing case combined	206 236+	Switchboard housing or mounting		Pivoted cutter	83 597+
Electric heating coil	219 260+	details	361 601+	Punching or pricking	83
End cutter combined	131 249	Telegraph manipulating	178 75	Reciprocating cutter	83 613+
Magazine cigarette dispenser		Telephone	379 414+	Table with	83
combined	221 136+	Printed	428 901*	Daguerreotype plates	396 438
Matches	44 507+	Etching in manufacturing of		Engraving	81 4
Part of cigar or cigarette	131 351	electrical circuit	216 13+	Sewing machine presser	112 235+
Smoking device combined	131 185	Protector		Shoemaking	12
Holder	206 242	Lightning arrester	361 117+	Specimen testing by stress or	
Design	D27 183+	Meter	324 110	strain application	73 856+
Lighter	D27 141+	Retainer automatic telegraph		Vegetable and meat cutting	269
Liquid gas cartridge for	D23 202	repeater	178 72	Vises	269
Machines	D20 1+	Work holder for electrical circuit	269 903*	Pipe or cable	269
Magazine type cabinet	312 72+	Circular		Wire fabric making	140 51
Making	131 280+	Knitting machine		Wood bending	144 269
Turning cigarettes end for end	198 952*	Independent needles	66 8+	Wood turning	142
Packages	206 242+	United needles	66 79+	Woodworking	269
Manufacturers container	493 910*	Looms	139 457+	Machine	144 278.1+
Matches combined	206 85+	Saw			294 68.23+
Packaging	53 148+	Dressing and jointing	76 48	Clamshell Bucket	
Papers container	206 237	Metal sawing	83 594	Clappers for Bells (See Bells)	
Pocket lighter		Wood sawing	83 469+	Clarinet	84 382+
Butane	431 130+	Circumcision Devices	606 118	Clasp	24 455+
Butane	431 254	Cistern	52 169.1+	Clothespin (see clothespin)	
Catalytic	431 147	Cleaners	15 246.5	Design	D32 61+
Frictional, chemical, percussive	431 267+	Hoisting bucket type	294 68.22+	Cuff holder	24 43+
With cover	431 144+	Molds for	425 59+	Fastener combined	24 326+
With cover	431 129+	Sewage purification	210 532.1+	For nuclear reactor	
Protective cover for packs	D27 186+	Citazinic Acid	546 296	moderator structure	376 304
Smokers tools	D27 194+	Citral	568 448	General purpose	D08 382+
Snuffer	D27 136	Citric Acid	562 584	Jewelry	D11 86+
Vending machine	221	Citrus Fruit		Pen or pocket	24 11 R+
Coin operated	194	Cutters	30 123.5+	Pen or pencil	D19 41+
Design	D20 1+	Machines	99 539+	Project-retract	
With igniting means	221 136+	Plants	PLT 201+	means associated	401 104+
Cimetidine	548 336.5+	Orange	PLT 202	Classifying Solids	209
Cinchona Alkaloids	546 134+	Civetone	568 375	Cutting or comminuting combined	
Cinchonine	546 134	Clack Valve	251 298+	Apparatus	241 68+
Cinchophen	546 170	Clam		Cereal processes	241 9+
Cine Film	430 934*	Processing for food	452 12+	Fluid applying apparatus	241 38+
Cinema (See Motion Picture)		Clamp & Clamping Device (See Clasp;		Gas applying processes	241 19
Cinematography	D16	Fastener)	24 455+	Liquid applying processes	241 20
Cineol	549 397	Adjustable	403 DIG. 10	Processes	241 24.1+
Cinerary Urns	27 1	Apparel apparatus	269	Vegetable and meat apparatus	99 510
Circuit (See System, Electric)		Applier		Vegetable and meat processes	426 518+
Applications, battery	136 293*	Hose clamp	81 9.3	Dorr type	209 462
Breaker	335 6+	Surgical clip	29 243.56	Clathrates (See Definition Note (3))	428 402.2
				Clavier (See Definition Note (3))	84 DIG. 25

Class Subclass		Class Subclass		Class Subclass	
Clavulanic Acid	540 349	Earth boring means with	175 84	Liquid contacting	134
Claw Bar Lever Nail Extractor	254 25+	Earth boring tool with	175 313	Wiper implement	15 211+
Clay		Electric trolley head	191 62	Refrigeration apparatus	62 303
Acid activated	502 81	Electrolysis		Sand blast nozzle combined	291 12
Burning in kilns	264 603+	Cleaning	205 687+	Scale removing from metal	29 81.01+
Cleaner	209	Coating with cleaning or		Scouring with abradant	451 103+
Comminuting combined	241	etching	205 210+	Solids cleaning apparatus cleaner	
Compositions	501 141+	Etching	205 640+	combined	34 85
Abrasive	51 308	Metal or metal alloy	205 705+	Sound record	15
Adsorbents	502 407+	Electrophotographic copier	399 343+	Spark plug	15 104.011
Catalyst	502 80+	Electrostatic	15 1.51+	Steam boilers	122 379+
Catalyst carrier	502 439+	Engine cylinder	15 104.011	Stove flue	126 16
Porcelain	501 141+	Filter	210 407+	Stratifier	209 487
Refractory	501 94+	Flue		Street	
Molding and casting	425	Brush or broom	15104.066+	Air blast or suction	15 300.1+
Pigeon	273 362+	Brush or broom	15 249.1	Flushers	239 159+
Projector	124 6+	Flue attached	15 249.2+	Sweepers	15 78+
Pipe or tube	138 175+	Scraper	15104.068+	Teeth	433 216
Shaping processes	264	Scraper	15 249.2+	Textile fiber working combined	19 262
Firing ware combined	264 603+	Fluid handling devices	137 237+	Roll cleaning	15 256.51
Treatment	501 145+	Fluid nozzle	239 106+	Tobacco smoking device	131 243+
Chemical	501 146+	Foundry apparatus with	164 158	Tobacco treatment	
Cleaner and Cleaning (See Clearer)		Fruits		Fluids or fluent material	131 300+
Abrading file	451 79	Processes	426 478+	Leaf	131 325
Antismut device combined	101 423+	Fur treatment	69 23+	Stemming and cleaning	131 315+
Applicator	15104.001+	Gas separator	55 282+	Tool driving or impacting combined	173 197+
Material supply combined (see		By liquid	96 228+	Automatic control	173 3
implements below)	401	Electrical precipitator	96 28+	Track sander delivery pipe	291 42+
Ash tray combined with cleaning		Ginning saw	19 64	Vacuum	15 300.1+
device	131 232	Glass mfg apparatus	65 27	Nozzles	15 415.1+
Attachment	15 246+	Gun bore	15 104.05+	Processes	134 21
Curtain or shade	160 11	Cartridge contained	102 442	Tool driving motor fluid caused	173 60
Electric insulator	174 211	Gun combined	42 95	Valve	137 244+
Electrode tip	314 23+	Harvesting binder needle cleaner	56 448	Vegetables	
Hand rake	56 400.08+	Hat cleaning	223 23	Processes	426 478+
Harrow teeth	172 90	Heat exchange apparatus	165 95	Viscera	452 123
Liquid level sight glass	73 324	Hoof	168 48.1+	Washing-drying machines	D32 6+
Printing apparatus	101 425	Implement	15104.001+	Welding apparatus combined	228 18
Razor	30 41	Brush broom or mop		Well	166 170+
Solid material comminuter		with material supply	401 268+	Processes	166 311+
member	241 166+	Coated or impregnated		Screen with washing point or	
Textile knitting apparatus	66 168	with cleaning material	15 104.93+	shoe	166 157+
Tobacco smoking device	131 184.1	Container, wrapper for	493 942*	Wheel scraper vehicle attached	280 855+
Type casting apparatus	199 62	Erasing (see eraser)	15 424+	Wood saw	83 169
Typewriting machine	400 701+	Material supply combined	401	Clearance Reduction	
Band saw pulley	83 168	Padlike, bladlike or apertured		Compressor	92 60.5
Boiler with means for	122 379+	with material supply	401 261+	Regulator	417 274+
Boot and shoe scrapers	15 237+	Porous pad with material		Internal combustion engine	123 48 R
Bottle washing machine attachment	15 104.9	supply	401 196+	Clearer (See Cleaner)	
Bread and pastry	15 3.11	Stationary and with		Diggers potato	171 114+
Bread and pastry	15 3.16	material supply	15 104.92	Fork	294 50+
Brushes for, design	D04	Stranded fabric mop or mop head	15 229.1+	Harvesters	56 314+
Brushing scrubbing wiping general		With fixed handle	15 229.2+	Hat making	223 11
cleaning	15	With pivoted handle	15 229.6+	Plows	172 606+
Burner	431 121	Liquid contact		Propeller screw	440 73
Burner tip	362 458	Solids apparatus	134	Railway track	104 279+
Button cleaning	451 345	Textile apparatus	68	Rakes	
Garment shields	451 448	Textile processes	8 137+	Hand	56 400.08+
Carcass	452 173	Liquid heaters and vaporizers	122 379+	Horse drawn	56 395
Carpet	15 3+	Water tube heater	122 361	Roadway snow excavators	37 196+
Sweeper type	15 41.1+	Loom cleaning	139 1 C	Sifters	209 379+
Cistern	15 246.5	Machines	15 3+	Textile machinery	
Comb		Lights on	362 91	Drawing roll	19 258+
Brush machine	15 39	Marine hull	114 222	Loom shuttle	139 261+
Combined	132 119	Metal working with (see metal		Spinning	57 300+
Implement	15 104.5+	debris)	29 DIG. 7	Warp beaming	28 173
Combustion means	110 236+	Cutter engaging cleaner	29 DIG. 97	Clearinghouse	
Composition		Rotating, reciprocating, or		Third party billing for business	705 53
Abrasive	51 293+	oscillating cleaner	29 DIG. 98	data processing	705 53
Detergent for solid surfaces	510	Nozzle	239 106+	Cleat	
Flue	44 640	Oil vaporizing apparatus carbon		Insulator electrical	174 157
For automatic dishwasher	510 220+	removers	196 122	Bracket for	248 67.5
For human skin	510 130+	Processes	208 48 R	Ship	114 218
For laundry and textiles	510 276+	Paper making felt & wire combined	162 274+	Shoe sole edge gripping	36 7.7
For solid surfaces	510	Pen	15 423	Shoe spike or	D02 962
Liquid composition	510 405+	Piano action combined	84 64	Sliding car door	49 472
Lubricant combined	508 110+	Pipe and tube (see apparatus or		Traction for wheels	301 43+
Metal fluxing	148 23+	process using)		Cleaver	30 308
Soap containing	510 481+	Brushing machines	15 88	Clepsydras	968 805+
Soap containing, preparation of	510 458+	Implements	15 104.03+	Clerestory	52 18
Surfactant composition for	510 535+	Liquid contacting apparatus	134 166 R+	Clevis	403 157
Conveyor	198 493+	Processes	134 1+	Ball socket	403 142
Currycomb	119 628+	Tobacco smokers	131 243+	Coupler	403 302
Design	D30 159	Piston ring groove	15 104.012	Hoist line	
Design	D32 1+	Railway		Insulators	174 207
Dispenser	222 148+	Snowplows	37 214+	Links	59 86+
Receiver inlet cleaning		Switch point	246 444	Thill couplings	278 52+
attachment	141 90	Track	104 279+	Clew	114 115
Distillation apparatus carbon		Track sweepers	15 54+	Clicker	242 304
removers	202 241	Receptacle		Climber	
Processes	201 2	Brush and broom implement	15 164+	Arm or hand type exercise	482 37
Drive belt and chain	474 92	Brushing machines	15 56+	Mountain climbing aids	248 925*

Class Subclass		Class Subclass		Class Subclass	
Plants		Harrow and roller	172 170+	Applicator attached	401 126+
Rose	PLT 109+	Land roller	404 122+	Bathub	4 293+
Vine	PLT 226+	Plow and roller	172 170+	Bayonet	
Playground apparatus	482 35+	Soil elevator and treater	172 33	Metallic receptacle	220 293+
Design	D21 826+	With separating after earth working	172 32	Wooden barrel bung	217 107
Pole post or rope	182 133+	Close (See Closer; Closing; Closure)		Boiler header	122 360+
Stair exercise	482 52	Closed Circuit Grinding		Tube	122 364+
Tire attached surface rail climber	301 90	Apparatus	241 80	Bottles & jars	215 200+
Toy figure	446 314+	Fluid applying	241 61	Designs	D09 435+
Clincher Rim	152 382+	Gas swept grinder	241 52+	Box	
Clinical Information System	705 2	Processes	241 24.1+	Designs	D09 414+
Clinical laboratory information management system (clims)	705 2	Cereal	241 10	Breach	89 17+
Patient information system	705 3	Gas applying	241 19	Building construction with Bung hole	52 204.5+ 217 98+
Clinometer	33 365+	Liquid applying	241 20	Cabinet	
Clip		Closed-Die Metal Shaping	72 343+ 72 352+	Foldaway device support combined	312 22+
Applier	29 243.5+	Closer (See Circuit; Closure; Fly; Operator)		Inner and outer	312 291
Surgical	29 243.56	Door	16 71+	Sectional unit	312 109+
Bottle attachment	215 386+	Check combined	16 49+	Check	16 82+
Design		Design	D08 330	Door closer combined	16 49+
Apparel	D11 200+	Fly closer lasting tool	12 113	Photographic plate holder	396 522+
Hair	D28 39+	Paper		Closet bowl	4 253
Jewelry	D11 40+	Bag closing	493 186	Obstruction remover combined	4 255.01+
Paper, pen, pencil	D19 56	Box closing	493 52	Coffin	27 14+
Inserters	606 139+	Slot		Cooking ovens	126 190+
Leaf spring	267 53	Cable railway	104 194	Disc manufacture of	493 379+
Making and joining		Lever	74 566	Dispensing	222 544+
Fabric wire	29 243.56	Pneumatic tube	104 161	Distilling apparatus	202 242+
Spring head	29 896.8	Closet		Fastener	292
Wire	140 82+	Sanitary	4 300+	Barrel	217 89
Nose animal	119 824+	Basin combined	4 664+	Bottle and jar	215 273+
Paper	24 455+	Bed combined	5 604	Breakable neck bottle and jar	215 54+
Paper fastener	D19 65	Bowls	4 420+	Burglar alarm combined	116 12+
Pedal crank combined with shoe type	74 594.6	Cleaning devices	4 255.01+	Cork retaining wire	140 85
Pen and pencil	24 10 R+	Closure	4 253	Envelope	229 77+
Design	D19 56	Covers for seats	4 244.1+	House letter box	232 23
Project-retract means associated	401 104+	Design	D23 295+	Keepers for	292 340+
Rafters and	33 DIG. 16	Disinfection	4 222+	Lantern reflector combined	362 374
Rail fastenings	238 378	Drip catcher	4 251.1+	Letter sheet	229 92.5+
Structural unit fasteners	403	Dry closet and furnace combined	4 111.1+	Marine hatch	114 203
Surgical	606 151+	Dry type	4 449+	Metallic receptacles	220 315
Wire fabric	245 3	Dry type with drier or burner	4 111.1+	Paperboard box	229 125.19+
Clippers		Flushing tanks	4 353+	Pivoted type closure bottle and jar	215 237+
Clip applying	29 243.5+	Head foot and body rests	4 254	Railway track joint	238 312
Cloth finishing cutters	26 7+	Obstruction remover	4 255.01+	Safes	109 59 R+
Fur hair removing	69 25	Seats	4 237+	Sectional metallic receptacle	220 7
Hair	D28 52+	Static mold	249 58	Fences	256
Hand manipulated cutters	30	Support, coupling, seal or fastener	4 252.1+	Flexible and portable	160
Harvesters	56	Tub and basin combined	4 663	Flexible bag closure, misc	383 42+
Hat making	223 19	Ventilation	4 209 R+	Flexible, eg sliding desk top type	206 816*
Nails	D28 60+	Warming	126 18	Floating roof type	220 216+
With hair catching	30 124+	Stove base combined	126 55	Foot pedal actuated	220 262
Cloak	2 2	Stove pipe heated	126 17	Friction held	220 796+
Clock	368 62+	Closing		Gas retorts	48 124
Picture frame combined	40 728	Ammunition loading and shell closing	86 25+	Grate	
Processes for making	29 896.3	Apparel pocket attachment	2 252	Fireplace summer front	126 540
Clocks	968 *	Bottom opening hopper door equalizer	298 37	Stove draft control	126 160
Atomic	331 3	Conductor conduit	191 25	Hinged receptacle	220 810+
Atomic frequency control for	331 3	Third rail	191 31	Horizontal building entry	52 19+
Cases	224 164+	Inkstand (see inkwell)		House paint can	220 797+
Clock movement casing	206 18	Pen, actuated for opening	15 257.075	Humidifier	312 31.1
Design	D10 1+	Metal tube ends		Ice bunker	454 89
Cordless electric	310 191	Welding apparatus	228 60	Lock	70 77+
Crystal mounting	29 807	Paper box or tube		Magnetic	220 230
Design	D10 1+	Folding setting up end closing	493 183+	Mail box	232 45+
Digital exhibitor	D10 15	Receptacle filling and closing	53 266.1+	Mailing sheet	229 92.5+
Electric motor for	310 162+	Cooking and filling with cooked food	99 356	Manhole	404 25+
Floor standing model	D10 16	Multifolded closure	53 376.3+	Mesh sifter element	209 391
Illumination combined	362 23+	Closure (See Also Article Having Closure Eg Window)	160	Motor vehicle	49
Keys	81 122+	Adaptable for various sizes	220 287	Having vehicle system responsive to its position	180 286
Power substitution for electric	307 64	Apparel		Related to theft prevention	180 289
Processes for making	29 896.3+	Buttons and fasteners	24 90.1+	Responsive to vehicle movement	180 282+
Radio	455 344	Coat	2 96	With vehicle feature	296 146.1+
Radio encased	455 231	Collar	2 141.1+	Movable or removable	49
Radio or phonograph combined	D14 170+	Flies	2 234	Oil cup lubricators	184 90+
Radio station selector	334	Lacing devices	24 712+	Operator (see closer)	49 324+
Spring assembly	29 228	Pocket	2 252	Alarm	116 100
Staking	29 231+	Separable fasteners	24 572.1+	Burglar alarm	116 85+
Supports	248 114+	Shirt	2 128	Cabinet	312 319.1+
Testing	73 1.42+	Shoe	36 50.1+	Car dumping tilting track	414 354+
Time clock	D10 41	Skirt placket	2 218	Curtain shade screen (see appropriate subclasses in)	160
Transistor operated	318 127	Skirt waistband	2 219	Elevator door	187 313+
Winding key	D08 347+	Sleeves or legs	2 270	Furnace door	110 176+
Work control (see time operated and controlled)	368 1	Slit	24 437+	Gate	49 324+
Fuses	102 276	Trouser waistband	2 235	Pen-operated inkwell	15 257.075
Switch operation	200 35 R+			Power plant x-art	60 903*
Time locks	70 272+			Railway dumping car	105 286+
Clocking Device (See Timers)				Railway dumping car control	105 311.1+
Clod Crusher	172				
Cultivator and roller	172 170+				

Class Subclass		Class Subclass		Class Subclass	
Railway passenger car	105 341+	Well	166 325+	Design	D21 733+
Receptacle and stand	248 147	Zipper, ie receptacle securement	206 810*	Juggling	482 109
Receptacle pivotally mounted		Cloth (See Fabric; Textile)		Police	463 47.2+
on rack	211 83	Abrasive filled	51 294	Clutch (See Pawl; Ratchet)	192
Seat or cover	4 245.1	Bags	383	Brake and	192 12 R+
Sectional cabinet equalizers	312 110	Buttons covered	24 92	Coaster brakes	192 217.3+
Showcase	312 139	Making	79 5	Steering by driving	180 6.2+
Stand combined	248 147	Cleaning or polishing	15 208+	Crane	212 170+
Stove door	126 192	Cutting cloth stock	83 936+	Eddy current	310 105+
Tilting receptacle and stand	248 134	Finishing	26	Electric clutch control system	310 92+
Ornamental,metal receptacle	220 376	Beating	26 25+	Automatic	310 94+
Partitions & panels, flexible &		Cutting	26 7+	Electromagnetic	310 103+
portable	160	Expanding device for webs	26 71+	Fishing reel	242 255+
Permanent	220 600+	Inspecting	26 70	Freewheeling	192 41 R+
Pipe (tobacco)	131 176+	Napping	26 29 R+	Gear combined	192 20+
Pipe or conduit	138 89+	Pile fabrics	26 2 R+	Lathe carriage feeds	82 132+
Railway tie end closure	238 104	Rubbing	26 27+	Lathe transmissions	82 905*
Protective grill or safety guard	49 50+	Sheet stretching frame	38 102+	Mechanical movements	74
Purses	150 118+	Shrinking	26 18.5+	Metal rolling mill drives	72 249
Railway rail joint	238 312	Singeing	26 51+	Transmission and clutch	
Receptacle	220 200+	Stretching or spreading &		controls	192 3.51+
Bag, flexible	383 42+	working	26 51+	Impact delivering	173 93.5
Barrels	217 76+	Tenter for webs	26 89+	Intermittent grip type movement	74 111+
Baskets	217 124	Web spreader	26 87+	Exhibiting device	
Batteries	429 163+	Web stretcher	26 71+	Electrical control	40 463+
Bottles and jars	215 200+	Biaxial	26 72+	Mechanical control	40 446+
Box type	211 85.17	Fireproof	427 223+	Magnetic	
Bucket paper	229 910+	Package	242 160.1+	Automatic electric friction	192 40
Bucket staved wooden	217 76+	Purses	150 100+	Operator electric friction	192 84.1+
Cigar cigarette smoking device		Unwinding	242 550+	Mechanical clock	968 73+
holder	131 242	Winding	242 520+	Motor combined	477
Collapsible material guide		Clothes, Clothing (See Apparel)		Railway wheel and axle drive	105 130
combined	222 528	Bed clothing	5 482	Reversing mechanisms	
Combined with overflow for	126 384.1	Boots and shoes	36	Planers	409 336
liquid heater	126 384.1	Design	D02 896+	Tapping	408 123
Compartmented letter box	232 25+	Brushes, bristle	D04 130+	Side, in bolt to nut lock	411 296+
Deposit and collection		Brushes, non-bristle	D28 9+	Take up	192 110 R
receptacle	232 44+	Card clothing	19 114	Exhibiting device	
Dispenser	222 544+	Applying	140 97+	Electrical control	40 463+
Electrical boxes and housings	174 650	Cleaning machines	D32 1+	Mechanical control	40 446+
Electrical outlet and		Devices for putting on & removing	223 111+	Transmission combined	192 3.51
junction box	220 3.8	Dryers (see driers drying)		Crane	212 170+
Envelope	229 76+	Handling devices		Compiler	717
Flexible closure	206 816*	Laundry sticks	294 23.5	Coagulating	516 98+
Folded blank paper bucket	229 910+	Tongs	294 8.5	Clotting of blood	436 69
Lantern	362 375	Hanger	223 85+	Preventing, composition or process	
Liquid heater overflow combined	126 384.1	Holder on chairs	297 188.03	Bituminous suspension	516 38+
Lubricator valve combined	184 80	Knitted	66 169 R+	Blood	435 2
Metallic receptacles	220 200+	Design	D02 749+	Composition, for chemical test	436 18
Milk pail	220 200+	Label	D05 63+	Solid suspended in aqueous	516 31+
Mixing chamber	366 347	Patterns	33 2 R+	phase	516 77+
Movable material guide combined	222 531+	Pounder	294 23.5	Solid suspended in organic	516 31+
Nuclear fuel	376 434	Protecting against radiation	976 DIG. 336	liquid	516 31+
Oil cup	184 88.1+	Rack	211	Properties of fluids determining	73 64.41+
Paper or web container	493 962*	Bed attachment	5 504.1+	Surgical	606 111+
Paperboard box	229 124+	Sewing methods	112 475.09+	Electrical	606 40
Purses	150 118+	Headwear	112 475.11	Synthetic resin or natural rubber	528 480+
Rack and closure	211 71.01+	Stockings	112 475.12	Coal	
Sectional for dispenser	222 502	Trousers	112 475.13	Bag or carrier	294 149+
Sifter	209 372	Thermal and electrical treatment	607 115+	Bin	
Sliding apertured cap type	222 522+	Clothesline		Building construction	52 192+
Spittoon	4 267+	Cleaners	15 256.6	Charging or discharging	414 288
Surface condenser	165 73+	Guide pulley	254 389+	Locomotive tender	105 237
Tube	229 93	Isolated supports	211 119.01+	Briquette	44 550+
Usable as cup or funnel	141 381	Props	248 353	Buckets or hods	220 2
Wooden boxes	217 56+	Reels	242 370+	Cleaner or separator	209
Safes	109 64+	Reels	D08 358+	Coking	201
Screw-type	220 288	Support or attachment	D32 60+	Apparatus	202
Ship opening	114 201 R+	Clothspin	24 455+	Comminutor	241
Showcase	312 138.1+	Bag design	D32 36	Compositions	44
Rack interconnected	312 129+	Clasps	24 455+	Conversion to hydrocarbon	585 943*
Tray interconnected	312 127	Design	D32 61+	Cutter	299 79.1+
Sink	4 293+	One piece rigid	24 570+	Endless flexible	299 34.01+
Soldered or sealed	220 361	Pivoted	24 489+	Rotary	299 39.1+
Sorter for container closure	209 928*	Resilient	24 530+	Feed	
Static mold	249 204	Track or way guided	24 522+	Boiler control	122 449
Stopper type	220 801+	Wire working making	140 83	Boiler water grate combined	122 376
Tab tops	220 271	Woodworking making	144 9	Furnace structure	110 101 R+
Tie string	493 962*	Clotting (See Coagulating)		Locomotive tender combined	105 232+
Time controlled	49 29+	Analysis by coagulometer	422 73	Metallurgical furnace combined	266 176+
Tire casing	152 515+	Test with blood clotting factor	435 13	Stokers	110 267+
Transparent	220 377	Cloth Chamber	250 335	Fertilizer containing	71 24
Boiler type sight glass	73 330+	Clover Huller	460 15	Gas making	48
Door peep	49 171	Cloxacillin	540 327	Liquefaction	208 400+
Sight glass	73 334	Club		Locomotives (see locomotive)	
Stove oven door	126 200	Carrier for policemen's weapon	224 914*	Mineral oil recovery	208 400+
Window	49	Exercise	482 109	Mining	299
Valve	493 962*	Exerciser type	482 109	Ships	114 26+
Vault pavement type	404 25+	Game	473 559+	Shovels	294 49+
Ventilating means combined with		Design	D21 722+	Stove	126
window	454 196+	For golf	473 282+	Treating process	44 620+
Weatherstrip seal	49 475.1+	Golf	473 282+	Coanda and Coanda Effect	239 DIG. 7

Class Subclass		Class Subclass		Class Subclass	
Flow affected by.....	137 803	Electrophoretic or electro		Magnetic record medium.....	360 131+
Coaptation Splints	602 5	osmotic.....	204 471+	Record controlled calculators.....	235 419+
Coaptator	606 213+	Electrostatic.....	427 458+	Records per se.....	235 487+
Coast Artillery (See Gun)		Foods.....	426 289+	Sensors.....	235 433+
Coaster		Metals by chemical action.....	148 240+	Vehicle ignition enabling.....	307 10.3+
Brake.....	192 217.1+	Carburizing or nitriding.....	148 206+	Cryptography.....	434 56+
Drink mat or holder.....	D07 624.1	Molds.....	427 133+	Fraud preventing.....	283 73
Glass or tumbler.....	248 346.11	Optical fibers.....	427 163.2	Printed matter.....	283 17
Toys (design).....	D21 426	Textiles chemical modification		Typewriter.....	400 89+
Wagon.....	280 87.1+	combined.....	8 115.6	Digital data error correction.....	714 746+
Coat		Utilizing flame spray or plasma... 427	446+	Electric.....	340
Apparel.....	2 93+	Recovery.....	427 345	Boring (see auger; bit).....	178
Boat mast.....	114 93	Removal		Transmitter.....	341
Design.....	D02 828+	By electric spark or arc.....	219 383+	Error/fault detection techniques.....	714
Combined with dress.....	D02 779	Repellent.....	106 3	Handling & transmission of coded	
three piece ensemble.....	D02 760+	Manufacture.....	65 24+	intelligence.....	178 2 R
Forms.....	223 68+	Robot.....	901 43*	Modulation system.....	375 295+
Hangers.....	223 92+	Semiconductor.....	438	Modulator.....	341
Design.....	D06 315	Barrier layer composition.....	252 62.3 R	Telephone.....	375 222+
Coated Article (See Type of Article)	428	Synthetic resin or natural rubber		Radio.....	375
Electrolytically produced.....	205 50+	(see class 523, 524)		Transmitter.....	375 295+
Explosive or thermic stock.....	149 3+	Testing.....	73 150 R	Speech.....	704 200+
Fuel.....	44 542	Textile operation combined		Teaching.....	434 222
Metal particle.....	428 570	Braiding, netting or lace		Train control.....	246 175
Metal stock.....	428 615+	making.....	87 23	Train dispatching.....	246 7+
Coating		Covering or wrapping.....	57 7	Visual or audible.....	116 18+
Anticorrosive.....	106 14.05+	Spinning twisting or twining.....	57 295+	Codeine	546 44
Apparatus.....	118	Warp preparation.....	28 178+	In drug.....	514 282
Detearing.....	118 639	With glass mfg.....	65 60.1	Coffee	426 594+
Electromagnetic.....	118 623	Coaxial Cables	174 102 R+	Apparatus.....	99 568+
Electrostatic.....	118 621+	Making.....	29 828	Balls.....	426 279
Lubrication.....	184	Switch for.....	200	Cafeteria service unit.....	D34 14
Match dipping.....	144 50+	Wave guide type.....	333 239+	Coating.....	426 289+
Mold metal casting.....	118	Cobalamin Nucleotides	536 26.4	Grinder.....	D07 372+
Mold plastics.....	118	Nucleotide analogs.....	536 26.42	Grinding mill.....	241
Paper hanging combined.....	156 574+	Nucleotide synthesis.....	536 26.41	Maker.....	D07 300+
Pipes.....	118 708+	Vitamin b - 12.....	536 26.4	Household type.....	D07 300+
Pipes.....	118 105	Cobalamin, in Drug	514 52	Pot.....	99 279+
Pipes.....	118 125	Cobalt		Handle, asymmetric.....	D08 DIG. 9
Pipes.....	118 404+	Alloys.....	420 435	Strainer.....	210 464+
Pipes.....	425 110+	Electrolytic		Preservation.....	426 330.2
Pipes.....	425 460	Coating.....	205 269	Roaster.....	D07 323+
Printing.....	101	Synthesis.....	205 587+	Substitutes.....	426 596+
Typecasting.....	199	Heat treatment.....	148 674	Cofferdam	405 11
Typesetting.....	276	Hydrometallurgy.....	75 711+	Coffin	27 2+
Typewriting machines.....	400	Metal stock.....	428 668+	Alarm systems.....	340 573.1+
Processes.....	427	Organic compounds containing.....	556 138+	Casings portable.....	27 35
Medical or dental		Pyrometallurgy.....	75 626	Design.....	D99 1+
purpose product.....	427 2.1+	Combined with hydrometallurgy... 75	416+	Hearse.....	296 18+
Utilizing electrical, magnetic		Radiation imagery.....	430 936*	Lid fasteners.....	27 DIG. 1
wave or particulate energy.... 427	457+	Cocaine	546 130	Lowering devices.....	27 32
Electrostatic.....	427 458+	Cochineal Solution	252 408.1	Cable.....	254 264+
Ion plating or ion		Cock (See Valve)		Coherers	329 371
implantation.....	427 523+	Abrading machines.....	451 116	Resistors for.....	338 1
Semiconductor vapor doping.....	118 900*	Barrel bung.....	217 99+	Coil (See Spring)	
Xerographic transfer.....	399 297+	With cutter or punch.....	222 81+	Bimetallic thermometer.....	374 204
Applicator or applicer.....	15	Carbide feed generator.....	48 40	Covers and cases.....	206 303
Material supply combined.....	401	Design.....	D23 233+	Electrical.....	336
Separable from supply.....	401 118+	Dispensing.....	222 544+	Electromagnet.....	335 299+
Classifying separating assorting		Nozzle terminal.....	239 445	Armature combined.....	335 220+
solids by.....	209 47+	Pinch.....	251 4+	Electrotherapeutic.....	600 13+
Coated surface or mass.....	209 49+	Sea.....	114 198	In audio reproducer.....	381 396+
Cleaning by.....	134 4	Support.....	248 67	Making.....	29 605+
Combined with other manufacturing		Test liquid level.....	73 297	Making laminated.....	156
operations (see particular art)		Time actuated.....	137 624.11+	Surgical.....	600 9+
Composition (see composition		With time indicator.....	137 552.7	Switch.....	335 250
coating)		Cocker	56 401+	Winding method and apparatus.. 242	430+
Window glass to prevent deposit		Firearms.....	42 40+	Electromagnetic switch.....	335 299+
and freezing of moisture.....	106 13	Cockpit	244 119+	Winding method and apparatus.. 242	430+
Electro less.....	427 304	Cocktail Shaker	220 568	Evaporator rotatable heater.....	159 25.1
Implement.....	15104.001+	Agitating feature.....	366	Fabric	
Material supply combined		Design.....	D07 300.1	Cleaning implement.....	15 225
(see brush, pens, etc).....	401	Cocktail Stick	D07 683	Wire.....	245 6
Metal founding combined.....	164	Cocoa Preparation	426 631	Wire mesh.....	140 92.3+
Mold making with.....	164 14	Apparatus.....	99 467	Form electric.....	336 199+
Mold surface.....	164 72+	Cocoonut	426 617	Holder winding and reeling.....	242 129
Workpiece.....	164 75	Comminuting.....	241	Induction.....	336
Paper making combined		Shelling.....	99 568+	Body treatment.....	600 9+
Apparatus.....	162 265+	Cod Liver Oil	554 1+	Check operated switch combined	194 239+
Process.....	162 135+	Extraction.....	554 8+	Coupling networks.....	333 24 R+
Paper undried.....	162 158+	Medicine containing.....	424 555	Electric systems.....	323 355
Plastic.....	106	Cod, Chemical Oxygen Demand Tests	436 62	Furnace core-type.....	373 160
Printing.....	101	Code and Code Signaling		Furnace coreless.....	373 152+
Processes.....	427	Card or tape punching.....	83	Heaters.....	219 600+
Abrasive tool.....	51 295	Code conversion.....	234 69+	In telephone terminal.....	379 391+
Catalysts.....	502 100+	Finger print as code for lock.....	70 207	Metal heating.....	219 602+
Cathode sputtering.....	204 192.1+	Punch selection.....	234 94+	Telephone movably actuated.....	381 396+
Dyeing combined.....	8 495+	Punch selector.....	234 94+	Telephone repeating type.....	379 344+
Electrically conductive.....	427 58+	Selective.....	234	Transformer.....	336
Electro less.....	427 304	Synthetic speech from.....	704 258+	Tuners radio.....	334 71+
Electrolytic.....	205 80+	Code conversion.....	234 69	Liquid cooler.....	62 399
Electron emissive.....	427 77+	Coded record		Liquid heater central standpipe	

Class Subclass		Class Subclass		Class Subclass	
water tube.....	122 244+	labels	705 20	Stove ashpan	126 242+
Liquid heater flue type internal		Tracking inventory	705 22	Street sweeping machine	15 83+
water tube.....	122 169+	With electronic funds transfer.....	705 17	Wiping daubing polishing implement ..	15 221
Liquid heater water tube	122 247+	With output features.....	705 24	Collector	
Loading communication lines.....	178 46	With theft preventors.....	705 18	Electric	
Making miscellaneous	29 606+	Sorters.....	453 3+	In arc lamp	314 129
Pipe making	72 135	Stacking.....	453 61+	Ring	310 232
Resistance electrical	338 296+	Symbolic token or ornament.....	D11 95	To moving object	191
Shield electric	174 350	Tester	73 163	Vehicle transmission.....	191 45 R+
With coil	336 84 R+	For coin controlled apparatus	194 302+	Roof shingles or tiles.....	126 622
Springs		Scales.....	177 51	Collet	
Bed bottom with attached slats	5 245	Tokens or coin type checks	40 27.5	Chuck	279 46.1+
Bed bottom with connecting		Traps	232 55+	Split socket	279 43.1+
fabric	5 235	Wrappers	229 87.2	Horological hair spring	368 177
Spiral bed bottom.....	5 256	Wrapping machines	53 212+	Insertion / removal tool.....	29 213.1
Top connection bed bottom.....	5 272	Coke		Collimator	
Thermostat compound bar	428 616	Apparatus for making.....	202 96+	Image projector having	353 102
Transformer	336	Autothermic	202 91+	Light beam projector having	362 257+
Telegraph system	178 64	Autothermic and thermolytic		Faceted reflector.....	362 297+
Tuners radio.....	334 59+	distillation combined	202 85+	Optical system.....	356 138+
Coiling (See Winding and Coiling)		Separatory & thermolytic		Signal reflector having	359 529+
Coin and Coining (See Check)		distillation combined.....	202 84	Testing device having.....	356 153
Coin and Coining (See Check)		Fuel.....	44 607	Collisions (See Protection)	
Box		Briquette	44 591	Avoidance	367 909*
Closure.....	232 55+	Processes of making	201	Aircraft systems.....	342 29
Fare	232 7+	Mineral oil feed.....	208 46+	Ship systems.....	342 41
Savings	232 4 R+	Refining combined	201 17	Collocating Gauge	33 613+
Toy.....	446 8+	Pushing machines.....	414 160+	Colloidion	106 169.01+
Brassiere with coin pocket.....	450 89	Quenchers	239 750+	Colloid Systems, and Making	
Card and container	D18 3.1	Colamine	564 503	Or Breaking	516
Cash register, coin refund device	235 7 A	Colander	210 415	Cologne	D28 5
Change holding machines	D99 34+	Plunger combined	241 84.2	Colophony (See Rosin)	
Change makers	453 1+	Colchicine, in Drug	514 629	Color & Coloring (See Dyeing; pigment)	
Check-controlled apparatus	194	Cold Cream	514 772+	Application training	434 81+
Coin ejection	194 342	Cold Frame	47 19.1	Assorting by.....	209 580
Coin return	194 344+	Cold Squirting	72 267	Charts	
Controlled by coin size or		Cold Trap	62 55.5	Color display	434 98+
weight.....	194 334+	Cold Welding	228 115+	Unknown color test.....	356 421+
Controlled by machine		Collage		Electrophotographic copier	399 39+
operation.....	194 200	Representative of real object	428 39	Filter.....	359 885+
Empty dispensing magazine	194 200	Collagen	530 356+	Photographic chemically defined ..	430 6+
Coin slot closers.....	194 351	Collapsible		Flowers by absorption of dye	427 4
Different values for different		Bed	5 12.1+	Food	426 540+
coins	194 227	Can (beverage)	224 906*	Preserving or modifying color	426 262
Multiple coin	194 229+	Core bar	164 400	Fresh flowers.....	47 58.1CF
Multiple coin, electrical	194 230+	Paperboard box	229 117.01+	Glass heat developed	65 111+
Chute.....	193 DIG. 1	Receptacle	222 92+	Lanterns	362 166+
Coin-controlled		Sign.....	40 610	Signal	362 168
Arcade-type viewer projector	D16 226	Steering post.....	280 777	Luminous, inorganic.....	252 301.6 R+
Billiard table	473 24	Toy	446 487+	Luminous, organic	252 301.16
Circuit maker-breaker digest	200 DIG. 3	Building	446 478	Mineral oil	208 12
Corn popper.....	99 323.6	Tube.....	138 119	Musical instrument accessory.....	84 464 R
Lock.....	70 DIG. 41	Wall		Paper	8
Phonograph	D14 173	Receptacle	222 92	Photography (see photography).....	430 357+
Jukebox	D14 173	Weighter	177 126	Separation record making.....	430 356
Print machines	101 DIG. 44	Work holder	269 901*	Seams	112 17
Telegraphy system.....	178 2 F	Collar		Colorimeter	356 402+
Telephony system	379 143+	And tether - animal securing	119 792+	Chemical analysis, apparatus	422 82.09
Telephone design	D14 146	Animal	119 858+	Photoelectric	250 226
Vending machines	D20 1+	Design	D30 152	Visual or photoelectric	356 402+
Coining.....	72 359	Apparel	2 129+	With computer	701 1
Counting apparatus	453 58+	Coat	2 98+	With light conductor	250 227.23
Deliverer	232 64+	Design	D02 602+	Colorimetric Radiation Dosimeter ..	250 474.1
Delivering apparatus.....	453 18+	Design, fur.....	D02 601	Colostomy	
Detector	194 302+	Ironing	223 52.1+	Bags	604 338+
Dispensing receptacle	453 18+	Making	223 2+	Receptacle engaging stoma	604 332+
For electronic commerce	705 26	Making, x-art.....	83 901*	Colter	172
Handling	453	Protectors	2 60	Bearings	384 157
Controlled apparatus	194	Receptacle flexible.....	206 278+	Plow combined	172 165+
Holder or tray	206 .8	Shirt attached	2 116	Rolling	172 518+
Design.....	D99 24	Weaving	139 385.5	Column (See Mast; Pole; Post)	52 831+
Pocketbook-type design	D99 34	Buttoners	24 40	Aerated column pump	417 108+
Wrapper or holder	493 945*	Buttons	24 101 R+	Design	D25 126+
Mats.....	206 .8+	Horse	54 19.1+	Fractionating	261 75+
Metal work by deflection		Design.....	D30 137	Combined	202 158+
Helix	72 135+	Hame combined	54 18.1+	Mineral oil	196 139
Orbiting tool	72 66	Shaping	69 3	Still combined.....	202 153+
Spiral.....	72 146+	Stuffing	69 4	Making	29 897.33
Meters	194	Lamp shade support	362 443	Openwork	52 633+
Money holder-receptacle	232 1 D	Puller	29 700+	Static mold	249 48
Packaging	453 59	Rod collar joint	403 230+	Comb and Combing	D28 21+
Packing apparatus	53 532+	Stovepipe.....	126 315	Cleaner	
Purse.....	150 150+	Supports	2 132	Brush machine	15 39
Design.....	D03 232+	Collators	270 52.01+	Comb combined	132 119
Keyholder combined	D03 208	With feeding	271 287	Implement	15 104.5+
Receptacles and packages.....	206 .8+	Collecting Mechanism (See Device With		Cornstalk huskers	56 114+
Register, electrically operated	377 7	Which Combined)		Cotton harvester.....	56 34+
Electronic	705 16	Carbon black	422 150+	Curry	119 625+
Calculating sales tax.....	705 19	Collection Receptacle and Chamber		Design	D30 159
Connected to multiple.....	705 21	Abrasing device.....	451 453	Fiber liberating	19 29
registers, controlled by host	705 21	Earth boring combined.....	175	Fiber working	19 115 R+
Keyboard features	705 25	Railway passenger car dust guard ..	105 352	Grids combined	15 142
Reading electronic price.....	705 20				

Class Subclass		Class Subclass		Class Subclass	
Hair	132 219+	Aids for handicapped	434 112+	Compressor amplifier	
Design	D28 21	Communications		Thru bias control	330 129+
Hat fasteners	132 61	Demodulators	329	Thru impedance control	330 144+
Honey foundation	449 44+	Electrical	340	Thru thermal impedance control	330 143
Honey frames	449 42+	Alarms	340 500+	Expander amplifier	
Kits toilet	132 121	Audible, eg simulated noise in		Thru bias control	330 129+
Leather manufactures	69 27	trainers	340 384.3+	Thru impedance control	330 144+
Making wire	140 100	Character recognition systems	382	Thru thermal impedance control	330 143
Making wood	144 26	Code converters	341	In electrical recording or	
Making, x-art	83 908*	Code transmitters	341 173+	reproducing	369 174
Making, x-art	425 805*	Operator controlled	341 20+	Comparators	
Music	84 94.1+	Compressional wave	367	Configuration	356 388+
Scissors combined	7 136+	Continuously variable		Microscope subcombination	359 368+
Seed gatherers	56 127+	indicating, eg telemetering	340 870.01+	Optical	356
Surgical	607 79	Digital comparator systems	340 146.2+	Projection type	356 391+
Textile		Echo systems	367 87+	Compartment	
Fiber preparation	19 115 R+	Elevator call	187 380+	Aircraft	
Thread finishing	28 222+	Error checking systems	714	Freight	244 118.1+
Warp preparing	28 212+	Image analysis	382	Passenger	244 118.5+
Comber Board	139 86	Selective, eg remote control	340 7.2+	Safety lowering device	244 140+
Combinational Code		pager, eg beeper	340 7.2+	Bed element	5 308
Conversion, for punching	234 69+	In well bore	340 853.3+	Boiler	122 37+
Punching, selective	234 69+	Signals, visual	340 815.4+	Building	52 234+
Combustion (See Thermal)	431	Tactical indication	340 407.1	Cigar cigarette smoking device	
Attenuating sound	431 114	Traffic control signal	340 907+	holder	131 242
Burner control	431 18+	Underwater	367 131+	Land vehicle bodies	296 24.46+
Chamber	431 350+	Vehicle mounted signal	340 425.5+	Luggage	296 37.1+
Exhaust pump	431 157	Well bore, compressional wave	367 81+	Marine	114 78
Fluid fuel burner	431 308+	Well bore, electrical	340 853.1+	Motormans	105 342
Fluid fuel burner	431 350+	Facsimile	358	Pillow	5 645
Outlet forms jet nozzle	431 158	Light wave	398 1+	Receptacle	
Pre-chamber	123 253+	Modulated carrier wave		Apparel pocket	2 253
Control of nitrous oxides	60 900*	communications systems	455	Bag, flexible	383 38
Earth boring by	175 12	Modulators	332	Bag, multiple pocket	383 38+
Earth in situ	166 256	Multiplexing	370	Baggage convertible to	
Engine	123	Non-electric miscellaneous	116	furniture type bureau	190 3+
Exhaust treatment	60 272+	Pulse or digital	375	Barrel	217 75
Combustion products with	60 39.5+	Radio	455	Beverage infuser	99 316+
Fluid injector	239 584+	Recorders	346	Bottles and jars	215 6
Fluid motor combined	60 616+	Recording registers &		Cabinet	312
Free piston device	60 596	calculators	235	Collapsible	222 94
Vacuum generated	60 397	Sound recorders	369	Cover for barrel	217 82
Waste heat driven motor	60 597+	Telecommunications	455	Dispenser	222 129+
Pump drive	417 364	Telegraphic carrier wave	375	Drying apparatus rotary drum	34 109
Pump regulator	417 34	Telegraphy	178	Envelope	229 72
Reaction motor	60 200.1+	Telephony	379	Fire extinguishers	169 71+
Reaction motor with aircraft	244 74	Television	375 240.01+	House type letter box	232 21
Rotary piston	123 200+	Videophone	348 14.01+	Ice in wooden receptacle	217 130
Temperature measurement	374 144+	Commutation Book and Ticket	283 26	Kilns and driers	34 209+
Turbine combined	60 598+	Commutator		Letter box	232 24+
Turbine combined, product	60 39.34+	Bars	310 233+	Material holder for heating	432 213+
Failure responsive fuel safety		Brushes	310 248+	Medication containing	604 403+
cutoff	137 65+	Holders	310 239	Metallic	220 500+
Fumigant	424 40+	Flanging tube to hold segments	29243.517+	Nested drum driers	34 128
Improver for solid fuel	44 641	Grinders	451 418	Oil vaporizer	196 111
Processes	431 2+	Making	29 597	Paperboard box	229 120.02+
Product		Assembling apparatus	29 732+	Pitcher	222 129+
Exhaust treatment	60 272+	Structure	310 233+	Purse	150 112+
Fire extinguishing agent	169 12	Turning portable lathe	82 128	Showcase	312 117+
Generator	60 722+	Type motors		Sifter	209 373
Power plant	60 39.01+	Alternating current	310 173+	Spaced wall or jacket	220 560.1+
Pulsating	431 1	Universal	310 158	Special receptacles	206
Pump	417 73+	Compacting (See Jarring)		Traveling bags	190 109+
Tube		Agitating	366	Type cases	276 44+
Comforters	5 502+	Beverage infuser combined	99 287	Washing machine tumbling drum	68 139+
Bedding	D06 596	Burnishing	29 90.01+	Wooden box	217 7+
Commerce		Cooking apparatus combined	99 349+	Safes	
Electronic	705 26	Earth boring by	175 19+	Movable	109 45+
Charge determination at remote	705 77	Foundry mold sand	164 37+	Secret cabinet with	312 204
site with encrypted data	705 77	Glass manufacturing	65 111+	Sofa bed element	5 58
Communication between two	705 79	Leather hammering	69 1	Tub	4 514
financial networks	705 79	Machinery design	D15 20	Bathing	4 539
Display of products	705 27	Metals	419 61	Wash	4 639+
With third party	705 78	With sintering	419	Water closet flush tank	4 363+
Comminuting	241	Nuclear fuel	264 .5	Compass	
Liquid metal	75 331+	Pipe making combined	425 110+	Course recorder	346 8
Refrigeration combined	62 320	Pipe making combined	425 262	Design	D19 38
Refuse treatment means	110 222	Powder metallurgy	419 38	Divider	33 558.01+
Rock in situ	299	Slip or slurry	419 40	Gyromagnetic	33 316+
Shredding metal	29 4.51+	Presses and pressing	100	Gyroscopic	33 324+
Shredding metal and sintering	419 33	Foundry mold material	164 207+	Magnetic	33 355 R+
Strainer combined	210 173+	Receptacle filling combined	141 71+	Repeater stations combined	340 870.15+
Combined	201 7+	Bag	53 523+	Saws	83 835+
Tobacco	131 311+	Refuse treatment means	110 223	Scriber	33 27.02
Feeding combined	131 109.1	Textile thread	26 18.6	Beam type	33 27.03
Vegetables and meat	241	Trash bundle	428 2	Scriber compound	33 26
Comminutor Element	241 293+	Compactor	D15 20	Compensating	
With cooperating surface	241 261.1	Compacts	132 293+	Abrading tool wear	451 540+
Commode		Absent special toilet article	401 126+	Alternating current phase	323 212
Dry closet	4 449+	Design	D28 78	Backlash	409 146
Communication Equipment (See Type Of Equipment Desired)		Illuminated	362 135+	Gear cutter	409 5
		Compander	333 14	Brake wear	188 214+

Class Subclass		Class Subclass		Class Subclass	
Clock and watch balances	368 171	Embalming	424 75	In thermometer	374 205+
Regulating	368 170	Emulsifying	516 9+	Tools	7
Clock pendulums	368 182	Explosive	149	Compressed Air (See Pneumatic and Fluid Operated)	
Clutch	192 110 R	Fertilizer	71	Vehicle brakes	303
Compass magnetic	33 356+	Fire extinguishing	252 2+	Compressing Apparatus (See Compressor, Molding, Pressing, Shaping)	417
Conductor electric	174 12 R+	Flux	148 23+	Barrel	147 4+
Flow meter	73 254	Food and beverage	99	Harvesters	
Fluid pressure	138 26+	Friction for matches	149	Binding combined	56 432+
Gearing	475 220+	Fuel	44	Shocker combined	56 430
Gearless differential	74 650	Gaseous	48 197 R+	Hazardous or toxic waste	
Gun sight	89 200+	Jet	149 1	containment	588 249+
Internal combustion engine	123 192.1	Mineral oil only	208 15+	Refrigeration	62 498+
Lamp electric	314 13+	Growth regulating for plants	504 116.1+	Automatic	62 190+
Musical instrument winding	84 131	Hardening	252 182.11+	Rims	157 2
Pump pressure	417 540+	Hazardous waste containment	588 249+	Seams	
Railway switch interlocking	246 152+	Herbicides	504 116.1+	Die	413 31+
Thermometer	374 197	High boiling	252 71	Folding combined	413 27+
For thermocouple circuit		Humidistatic	252 194	Roller	413 31+
reference junction	374 181	Hydrocarbon	585 1+	Tube side seam	72 48+
Transmission electric	333 18	Inorganic materials only	106 286.1	Snow	37 225+
Valve	137 625.34+	Insulators		Tobacco plug making	131 111+
Vehicle	180 76	Fluent electric	252 570+	Compression Member (See Column)	
Vehicle steering	180 6.24+	Interactive	252 183.11+	Spring	267 70+
Weighing scale temperature	177 226+	Light transmission modifying	252 582	Compressional Wave	
Compensator		Low pour point	252 71	Generators	116 137 R
Expansion or contraction		Lubricant	508	Submarine signal	367 131+
Static mold	249 82	Mineral oil only	208 18+	Compressor	
Compliance Device	33 832	Luminous, inorganic	252 301.6 R+	Body	
Robot	901 45*	Luminous, organic	252 301.16	Brassiere	
Composing		Mantle	252 492	Brassiere design	D02 706+
Typesetting	276	Match	149	Brassiere or chest bandage	450 1+
Sticks	276 38+	Medicinal	424	Corset or girdle	450 94+
Composite Article (See Laminate)		Mold forming	106 38.2+	Corset or girdle design	D02 702+
All metal or with adjacent metals	428 615+	Molten metal treatment	75 303+	For upper leg or thigh	450 101
Making by powder metallurgy	419 5	Monomers	252 182.11+	Design of machine	D15 7+
Multipart article shaping	264 45.1+	Non-interactive	252 182.11+	Gas pumps	417
Static mold for making	249 83+	Optical filter	252 582+	Refrigerator compressor muffler	181 403*
Winding permanently on article	242 430	Photo conductive	430 56+	Tube pinching valve	137 384.2+
Composition (See Type)	252	Photographic		Comptometer	235 82 C
Abrasive	51 293+	Developing	430 464+	Computer	
Abscission	504 162+	Sensitizing	430 570+	Applications & systems	700 90+
Absorbent	502 400+	Sensitizing and developing	430 486+	Artificial intelligence (see artificial intelligence)	
Algicides	504 150+	Plastic		Automatic control of recorder	
Alloy	420	Mineral oil only	208 22+	mechanism	360 69+
Antagonist	504 103+	Polymer precursors	252 182.11+	Cassette	360 131+
Antibiotic mixture	424 114	Pyrotechnic	149 37+	Cassette or cartridge holder	206 387.1+
Antidote	504 103+	Radioactive	252 625+	Character recognition	382
Antifog	106 287.1+	Medicinal	424 1.11+	Checkreader	D14 386
Antihemorrhagic	424	Production	376 171	Coded document sorting	209 547+
Aquatic plant destruction	504 150+	Roller	492	Computer button bar	D14 487
Asphalt, tar, pitch	106	Rubber containing (see synthetic resin or natural rubber)		Computer generated image	D14 485+
Mineral oil only	208 22	Safener	504 103+	Computer scroll bar	D14 487
Biocidal	424	Soap, raw	252 367.1	Computerized switching in telephone systems	379 284
Coating or plastic combined	106 15.05+	Soil life extender	504 113	Controlled display	345 418+
Mineral oil only	208 2	Stunting	504 174+	Animation	345 473+
Radionuclide containing	424 1.11+	Tanning	894.19 R+	Three dimensional	345 419+
Candles	44 275	Textile treating		Converting analog signal to digital	360 32
Catalytic	502 100+	Durable finishes	252 8.61+	Cost determination of product	705 400
Ceramic	501 1+	Processing aids		Data processing equipment	D14 300+
Chemiluminescent	252 700	(e.g., spin finish)	252 8.81+	For voting	705 12
Combined light source	362 34	Thermoelectric	136 236.1+	Desk top type (design)	D14 314+
Coating	106	Toxic waste containment	588 249+	Digitizer	D14 389
Match splint	149 3+	Undertaking	424 75	Disc	360 135
Metal base reactive	148 240+	Utilizing wave energy	522 71+	Disc drive (design)	D14 363+
Mold	106 38.22+	Vulcanizing	252 182.11+	Drum	360 136
Colloid system	516 +	Water softening	252 175+	Dynamic magnetic information storage or retrieval	360
Core		Wax	106	Electrical	709
Metal casting	106 38.2+	Mineral oil only	208 20+	Allocation of resources to processes	718 100+
Plastic molding	106 38.2+	Welding flux	148 23+	Operations research (business)	705 7+
Crayons	106 31.07+	Wick	502 400	Analog	708 800+
Crosslinking	252 182.11+	X-ray contrast	424 9.4+	Applications	
Curing	252 182.11+	Compound (See Type)		Computational systems	700 90+
Defoliant	504 162+	Casting metal	164 91	Database	719 310+
Desiccant	504 162+	Electrolytic production of	205 477+	Measuring system, electrical	702 57+
Desuckering	504 184+	Hydrocarbon	585 16+	Measuring systems, physical	702 127+
Detergent for cleaning solid surfaces	510	Lumber	52 782.1+	Array processor	712 10+
Liquid	510 405+	Beam	52 847+	Availability	714 1+
Diagnostic biological	424 9.1+	Mail receiving	52 364+	Bios	713 1+
Dielectric fluid	252 570+	Metallic stock	428 615+	Booting	713 2
Hydrocarbon	585 6.3+	Organic		Buffering of instruction	713 1+
Distilling apparatus	202 267.1	Electrolytic production of	205 413+	Bus expansion or extension	710 300+
Dwarfing	504 174+	Electromagnetic production of	204 157.15+	Bus, data processing	710 100+
Dye	8	Electrostatic or electric		Access regulating	710 107+
Electric insulation fluid	252 570+	discharge production of	204 165+	Architecture	710 305+
Hydrocarbon	585 6.3	Fermentative production of	435	Calculators	
Electrically conductive	252 500+	Mineral oils	208		
Electrode (see electrodes)		Sugar and starch	127		
Electrolyte	205	Refrigeration	62 332+		
Battery	429 188+	Automatic	62 175		
Condenser or rectifier	252 62.2	Steam engines	91 152+		
Electron emissive	252 500+	Temperature sensing member	428 616		

Class Subclass		Class Subclass		Class Subclass	
Analog	708 800+	systems	709 200+	Concealed Data	
Digital	708 100+	Vector processor	712 2+	Printed matter	283 72+
Chaining	712 220+	Equipment	D14 300+	Concealment (See Camouflage)	
Client-server	709 203	Error checking system in computer	714	Warship	114 15
For voting	705 12	For accounting	705 30	Concentrating	
Compatibility between		For bill preparation	705 34	Beverage	426 425+
components	703 27	Time-based billing	705 32	Cathode ray beams	313 441+
Control systems	700 1+	General processing of digital		Evaporators	159
Database maintenance	707 200+	signal	360 39+	Ionized gas for thermo nuclear	
Database management systems	707 1+	General processing of tv signal	386 46+	reaction	376 100
Database schema or data		General recording or reproducing	360 55+	Liquids in liquids	
structures	707 100+	Generated icon (design)	D14 489+	Apparatus	422 256+
Decoding of instruction	712 208+	Geophysical system with digital		Processes	23 306+
Diagnostic testing	714 1+	computer	367 60	Milk	426 587+
Docking station	710 303+	Graphics	345 418+	Ores	423 1+
Emulation of components	703 23+	Hard drive (design)	D14 348+	Ores	209
Fetching of instructions	712 205+	Tower type (design)	D14 349+	Rare element, inorganic	423
File locating and retrieval		Head	360 110+	Separating solids	209
techniques	707 1+	Mounting	360 240+	Rubber	
File maintenance operations	707 1+	Transport	360 101+	Natural	528 937*
Hypercube	712 12	Holder for magnetic disc assembly	206 308.3	Synthetic or natural	523 335
Information security	726 1+	Housing and mounting assemblies	361 679.02+	Sugar crystallization combined	127 16
Initialization	713 1+	Housing and mounting assemblies	361 679.6	Concentric Tube or Cylinder	
Telegraphy	178 18.01+	Inventory management	705 28	Burner gas	431 195+
Input devices		Itemization	705 29	Electric cable flexible	174 102 R+
Code converters (e.g.,		Joystick (design)	D14 412	Fluid vacuum or air	174 28+
for keyboards)	341	Keyboard or keypad (design)	D14 399+	With insulation spacer	174 99 R+
Mouse and the like	345 156+	Knowledge processing (see artificial		Expandable chamber device	92 51+
Peripherals, data processing		intelligence)		Flue	122 160+
per se	710 1+	Lap top (design)	D14 315+	Header water tube	122 362
Telegraphy	178 18.01+	Mainframe type (design)	D14 300+	Heat exchanger	165 154+
Writing & tablets	345 156+	Measuring utilities	705 412	Pipe joint	285 123.15+
Instruction processing	712 200+	Data processed with cryptography	705 63	Pipe joint flexible pipe	285 222.1+
Interprogram or interprocess		Medical diagnostic	128 922*	Transmission line	174 103+
communication	719 310+	Memory system subcombinations	365	Involving line parameters	333 236+
Interrupt processing	710 260+	Modulating & demodulating	360 29+	With nonsolid insulation	174 28+
Load valencing	718 100+	Monitor or display (design)	D14 371+	Concert Halls	52 6
Masking		Hood or visor (design)	D14 449	Concertina	84 375
Integrated circuit, design	716 1+	Support (design)	D14 451+	Keyboard type	84 376 R
Reliability, data processing	714 3+	Monitoring or testing progress of		Concrete	
Memory systems		recording	360 31	Beam or joist	52 831+
Accessing & control,		Mouse (design)	D14 402+	Block machine	249 117+
data processing	711 100+	Non-electrical	235	Compositions	106 713+
Accessing & control, dynamic	711 111	Fluidic	235 200 R	Construction process	52 741.1+
storage device	711 111	Mechanical	235 61 R	Filling subterranean cavity	405 267
Addressing, dynamic-type	711 4	Record controlled	235 419	Freight car	105 405
storage device	711 4	Operator interface display	715 700+	Gas content testing	73 19.02
Addressing, general	711 200+	Menu or selectable ionic array	715 810+	Hazardous waste containment	588 252+
Addressing, specific memory		Window	715 781+	Making concrete blocks	264 333
type (e.g., cache, dynamic,		Operator interface or control	D14 388+	Marine structure cast in situ	405 222+
extended)	711 1+	(design)	D14 388+	Mixers	366 1+
Archiving, backup and security	711 161+	Stylus	D14 411	Mold	249
Direct memory accessing (dma)	710 22+	Ordnance	235 400+	Adjuncts	249 205
Dynamic	369	Peripheral equipment (design)	D14 356+	Elements	249 187.1
Hierarchical & cache	711 117+	Card reader (design)	D14 385+	In situ construction type	249 207
Reliability, data processing	714 5+	Tape reader (design)	D14 360+	Clamps or brackets	249 219.1
Shared	711 147+	Transmitter or receiver (design)	D14 358	Water type	249 219.2
Multi-tasking	718 100+	Personal access or	D14 383+	Mold	425 62
Multiple instruction, multiple		verification (design)	D14 383+	Mold	425 63
data (mimd)	712 21	Fingerprint type (design)	D14 384	Mold	425 87
Multiple instruction, single		Retinal type (design)	D14 384	Mold	425 458
data (misd)	712 1+	Pocket type (design)	D14 341+	Tie wire puller	254 18+
Operating systems	718 100+	Radar system combined	342 195	Piles	405 256+
Pipelining		Record controlled, electronic	235 375+	Casting in situ	405 233+
Architecture	712 1+	Record copying	360 15+	Sheet	405 275
Of instructions	712 205+	Record editing	360 13+	Pipe machine	425 110+
Of memory accesses	711 169	Record medium	360 131+	Pipe machine	425 262
Prefetching of instructions	712 205+	Record transport	360 81+	Pipes	138 175+
Branch prefetch	712 237	For voting	705 12	Composite	138 153
Processing (task) management	718 100	Restrictive access over telephone		Polymer containing (see synthetic	
Processing architecture	712 1+	line	379 93.02	resin or natural rubber)	
Pyramid	712 1+	Scanner or bar code reader	D14 420+	Prestressed making	264 228
Rectifying contact	257 471+	(design)	D14 420+	Radiation barrier nuclear	376 293
Manufacture	438 570+	Signal splitting	360 22	Radiation barrier nuclear	376 287
Reliability	714 1+	Special purpose television system		Radiation barrier nuclear	250 515.1
Semiconductor		application	348 61+	Railway surface track	238 5
Making ohmic contact	438 584+	Static presentation	358 1.1+	Center way concrete	238 7
Simulation of components	703 3+	Tape	360 134	Pedestals	238 115+
Single instruction, multiple		Tax preparation	705 31	Stringers	238 25
data (simd)	712 22	Teaching computer science	434 118	Rammers	425 424
Single instruction, single		Trackball (design)	D14 417	Rammers	425 425
data (sisd)	712 1+	Tv application	348 552	Rammers	425 456
Synchronization	718 100+	Video gun (design)	D14 418	Rammers	425 469
Of clocks	713 400+	Computing		Reinforcement	52 649.1+
Of multiple different media	345 418+	Distance rolling contact	33 733	Reinforcing	264 271.1
Of processes	718 100+	Nuclear reaction control	376 217	Reinforcing bar	D25 164
Of processors	713 375	Registers	235	Ribbed construction	52 319+
Systems controlled by data		Scales	177 25.11+	Structures	52
bearing records	235 375+	Weighing	177 25.11+	Arch	52 88
Task scheduling	718 100+	Solar	33 268	Beam or joist	52 831+
Transmission of information		Tape length	33 763	Corner	52 250+
among multiple computer		Workmens labor and wage recorder	346	Faced	52 378

Concrete		INDEX TO CLASSIFICATION - C		Connection	
Class	Subclass	Class	Subclass	Class	Subclass
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Moisture remover	52 310	Hand manipulable shaker type	222 142.1+	Confectionery	
Position adjusting	52 126.1+	Conductor		Coating apparatus	118 13+
Reinforcement	52 851+	Electric	174	Compositions	426 660+
Ribbed	52 319+	Coated	428 375+	Cutting machines	83
Stair	52 189	Coated	427 58+	Design	D01
Void former	52 577	Coated or covered	174 110 R	Hand molds	249
Toxic waste containment	588 252+	Coated welding electrodes	427 59+	Packaging	426 392+
Concretion Removal	606 127	Coated with metal	428 615+	Confetti Devices	446 475
Condensation (See Alkylation; Polymerization)		Coated with plural coatings	427 118+	Conformator Gauge	33 561.1+
Preventer		Coating	427 117+	Congelation Refrigeration (See Gel)	
Electric heaters	219 203	Coating by extruding plastic	425 113	Confections with molding	425 9
Windows and windshields	52 171.2+	Composition alloy	420	Confections with molding	425 118
Windows by ventilation	454 198+	Composition metallic	75	Confections with molding	425 332+
Condensed		Composition miscellaneous	252 500+	Dewaxers	208 37+
Milk	426 587	Composition treated metal	148 400+	Dry ice making	62 602+
Condensed Billing		Freeing of ice and snow	191 62	Drying process step	34 302+
Typewriter		High frequency systems	333	Earth control solidification	405 130
Line spacing	400 546+	Inductive disturbance		Fluid storage cavity walls	405 56
Paper feeding	400 595+	reduction (see anti induction)		Food preparation combined	426 524+
Condenser		Lightning protection	174 2+	Gas solidifiers	62 601+
Atmospheric condensate	62 272+	Making indefinite length	156 47+	Shaping combined	62 604
Automatic	62 150+	Making or joining running length	156 47+	Jellies	426 576+
Process	62 80+	Piercing detachable tap		Liquid	62 340+
Electric		connector	439 431+	Automatic	62 135+
Amplifying device system	330 7	Placing apparatus	254134.3 R+	Ice cube trays and molds	249 66.1+
Anti induction telephone or system	379 414+	Plate vehicle supply type	191 13	With release means	62 300+
Bushing insulating	174 143	Rail joint interposed	238 14.5+	Process	62 66+
Charging and discharging	320 166+	Railways for electric	191	Conjuring Amusement Devices	472 57+
Circuit element	361 271+	Sectional vehicle supply type	191 14+	Connecting Rod (See Pitman)	74 579 R
Electrolytic type	361 500+	Supports	248 49+	Locomotive	105 84
Induction apparatus combined	361 268+	Terminal winding	242 439.1+	Piston connection	92 187+
Laminated making	D22 115+	Tubes and conduits	174	Railway track switch	246 452
Lamp and electronic tube		Vehicle supply type	191 22 R+	Connection (See Coupling; Fastener; Hook; Joint; Securing Means)	24 598.4
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Making	29 25.41+	Furnace spark and smoke	110 145+	Beehive	449 27+
Making electrolytic	29 25.03	Furnace spark returning	110 120	Bridge truss	14 14
Motor system	318 781+	Gas flow to separator	55 418+	Carbon electrode	403 DIG. 5
Nonelectrolytic type	361 271+	Downstream of separator	55 410+	Cell electrode connector	429 161
Phase regulation	323 212	Lightning	D10 105	Clamp, adjustable	403 DIG. 9
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Synchronous motors	310 162+	Spoons with fluid	30 141	Cutlery handle and blade	30 340+
Testing	324 673	Thermal flow tubular textile treatment	68 193	Drive belt combined	474 253+
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With variable resistor	323 370	Boiler circulation	122 408.1+	Battery	429 121+
X ray system combined with	378 103	Boiler feed heater	122 428+	Battery terminal assembling	29 246
Furnace electric	373 56+	Chain making	59 78.1	Box with	174 59+
Mechanical		Connector electric	439 207+	Brush with connector	
Making	29 890.07	Coupling plural	285 120.1+	(see electric connector)	310 249
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Press	100	Drainage or irrigation	405 43+	Juxtapose & bond rails	228 101+
Refrigeration including	62	Drill oil	408 57+	Lamp with	439 611+
Steam engines	60 643+	Earth boring tool	175 393	Lamp with	313 331+
Steam heaters	261 DIG. 10	Electric conductor	174	Making processes	29 825+
Textile fiber preparation		Design	D13 153	Meter circuit protector	324 110
Article screen	19 148	Electric transmission to vehicles	191 23 R+	Overhead cable with	174 44
Feed with	19 89	Collectors	191 48	Rail bond making	228 4.1+
Multiple rotor feed with	19 88	Fire tube circulation	122 59	Railway bonds	238 14.1+
Web forming screen	19 304+	Flue spiral	122 183	Sliding contact	191 1 R
Vapor	165 110+	Fluid current conveyor	406 191+	Switch	200
Arc lamp fumes	314 26+	Design	D23 266	Telephone terminal switch	379 422+
Beverage infuser	99 293+	Flume	405 119+	Telephone testing	379 19
Combined with liquid heater	126 381.1+	Heat exchange	165 177+	Vehicle transmission	191
Cooking apparatus basting	99 347	Irrigation	405 43+	Electrical connector	439
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Heat exchanger	165 110+	Milker hand	119 14.22	Winding implement	242 442
Jet gas and liquid contact apparatus	261 76+	Pneumatic conveyor	406 191+	Winding machine	242 439+
Jet gas pump combined	417 173+	Railway crossing cable	104 185+	Winding terminals	242 439.1+
Jet heat exchanger	165 112+	Railway slotted	104 140+	Frangible	
Jet power plant exhaust	60 264+	Railway switches	246 419	Brake shoe fastener	188 241
Jet power plant exhaust	60 266+	Railway truck in	104 139	Damper release	126 287.5
Mercury vapor lamp	313 34	Static mold	249 144+	Fire extinguisher	169 42
Mineral oil distillation	208 347+	Structure	138 177	Lock	70 422
Mineral oil distillation apparatus	196 138+	Thermometer	374 147+	Overload release	464 32+
Mineral oil distillation with vaporizing apparatus	196 98+	Track clearers	104 280	Reactive building component	52 232
Open top liquid heating vessel	126 381.1+	Trap thermostatic	236 60	Thermal actuated electric	337 401
Refrigerant	62 506+	Tubular	138	Thermal electrical current	337 142+
Steam	165 110+	System	137	Grating	52 665
Still separatory	202 164	Valved	251	Handle to shaft	74 548+
Still separatory preheater	202 180	Ventilating	454 175+	Intercell connector	429 160
Still separatory vapor treating	202 185.1+	Cone		Load-responsive release	403 DIG. 3
Zinc pyrometallurgy	75 665+	Edible design	D01 116+	Magnetic	403 DIG. 1
Condiment	426 650+	Ice cream	D01 116	Metal treatment	403 DIG. 2
Holder and dispenser		Mills	241 244+	Panel joints, readily disengageable	403 DIG. 10
		Paper stock refining	241 244+	Pipe shaft rod plate etc	
		Seeger	374 106	Flexible shaft	464
		Shell mill	241 244+	Liquid heater tube	122 511
		Wind	242 479.2+	Pipe	285

Class Subclass		Class Subclass		Class Subclass	
Pipe valved	251 142+	Disinfecting sterilizing	422	Poison alarms	116 72
Piston rod	403 230+	Pneumatic conveyor material		Radioactive material contents	250 506.1+
Articulated with piston	403 52+	intake	406 108+	Irradiated core elements	
Rail fence	256 65.01+	Pneumatic conveyor material		storage	376 272+
Rod	403	suspension	406 86+	Sheet metal container making	413 1+
Seal for a joint or juncture	277	Liquid and solid		Shock protecting	206 521
Shaft end attached	403 230+	Beverage infusers	99 279+	Snap-opening actions	206 404
Spout attaching	222 567+	Boiler or deep fat fryer	99 403+	Special packaging	206
Tobacco smoking device	131 225	Chemical extracting or leaching	422 261+	Of coiled items	206 389+
Wall safes	109 79	Cleaning and miscellaneous	134	Specialty carriers & boxes	D03 201+
Wire fence	256 47+	Cooker with basting	99 345+	Open top bins, trays	D03 304+
Wooden joist	403 230+	Cooking fluid automatic control	99 330	Sterilizer apparatus	422
Through intermediate member	403 187+	Corn popping apparatus with		Storage convertible to display	206 44 R
Plow	172 681+	flavoring	99 323.8	Tearing, piercing, etc	383 200+
Releasable	172 261+	Drying processes for liquid		Bag	383 200+
Release, load-responsive	403 DIG. 3	treated material	34 329+	Box	229 200+
Release, quick	403 DIG. 4	Filled receptacle cooker	99 359+	Toilet kits	132 286+
Sail	114 113	Fryer or egg boiler control	99 336	Absent special toilet article,	
Selectional pile	405 251+	Hydraulic conveyors	406	eg mirror	401 118+
Spectacle and eye glass	351 140+	Pigment and vehicle in pen	401 40+	Bristled brush design	D04 130+
Bridge	351 133+	Preserving disinfecting and		Toothpicks with thread supply	132 324
Temple	351 121+	sterilizing	422	Toxic waste containment	588 249+
Sprocket chain	474 218	Soap and water in cleaning		Toys	446 71+
Tool handle	403	implement	401 40+	Type static mold	249 117
Vehicle		Solid metal treating apparatus	266 114+	Wooden	217
Animal draft	278	Textile treating apparatus	68	Containment	
Articulated land vehicles	280 504+	Making clocks	368 164	Hazardous or toxic waste	
Railway draft	213	Period electric switch	200 19.01+	containment	588 249+
Wheel		Point electric switch	200 275+	Contamination, Reduction of	435 800*
Land vehicle axle	301	Preventing		Contour	
Railway axle	295	Drying apparatus	34 94	Non-condition responsive sorting by	209 940*
Resilient tire	152 375+	Drying processes	34 306	Contraceptives	
Consolidated Fuel Solids	44 550+	Printing antimut devices	101 420+	Condom	604 349
Consolidation		Stencil machine		I u d	128 833
Powder metallurgy	419 38	internal inker	101 120	Pessaries	128 834+
Slip or slurry	419 40	Rails		Spermacides	424 DIG. 14
Constant Velocity Joint	464 904+	Composition	252 62.3 R	Control or Controller (See Operator;	
Constrictor		Manufacture	29 25.02	Pattern Control; Program; Regulator;	
Nozzles	239 546	Process	438	Time, Operated & Controlled)	
Trap	43 87	Rolls electrical transmission	191 45 R+	Aircraft	244 75.1+
Contact		Sterilization by metal	426 322	Airship	244 96+
Actuated		Type microphone	381 178+	Artificial intelligence	706 903*
Numbering members	101 88	Wheels electrical transmission	191 45 R+	Bulldozer positioning	172 812
Railway derailment signal		Contact Lens for Eyes	351 160 R+	Car controlled fenders	293 2+
or control	246 171+	Applicators	294 1.2	Circuit	
Diaphragm horn rotary striker ball	116 146	Case or cover	206 5+	Clock operator	368 184
Electric		Cleaning compositions	510 112+	Motor system	318
Body applicator	607 115+	Fitting instruments	351 247	Railway signal	246 28 R+
Circuit makers and breakers	200	Synthetic resin compositions	523 106	Sectional conductor vehicle	
Code transmitters rotary	178 83+	Synthetic resin or natural rubber	525 937*	transmission	191 14+
Commutators	310 233+	Container (See Ampoule; Barrel;		Switch	200
Composition	252 500+	Basket; Can; Capsule; Holder;		Clutches and power stop control	192
Connectors	439	Receptacle; or Under Item Contained)		Power stop control	192 116.5+
Flashlight direct battery	362 203	Acetylene generator carbide	48 29	Condition responsive metal	
Lamp electrode holders	403	Acid-proof	206 524.5	deforming machine	72 6.1+
Lamp electrodes in	313 235	Adjustable bottom		Data processing generic control	700 1+
Making processes	29 874+	Wooden	217 64	system	700 1+
Railway automatic block signal	246 20+	Baggage	190	Driftage fence	256 12.5
Railway derailment signal trip	246 171+	Baked cereal product container		Drill press	408 8
Railway switch and signal		type	426 138+	Electric	
actuation	246 218+	Bottles and jars	215	Battery charging & discharging	320
Rectifier composition	252 62.3 R	Design	D09 +	Car steps railway	105 444
Rectifier manufacture	29 25.01+	Breaking bottle or jar	215 47+	Electric furnace	373
Rectifying contact	257 471+	Cabinet structure	312	Electrochemical apparatus	204 193+
Manufacture	438 570+	Coupon is detachable	206 831*	Fluid pressure brake	303 20
Semiconductor		Dispensing	222	Fluid pressure brake with	
Making ohmic contact	438 584+	Drying houses and	34 201+	fluid control	303 15+
Switch contact details	200 238+	Edible design	D01	Gear cutting	409 290+
Switchboard housing and mounting		Electrophotographic developer	399 222+	Generator	322
details	361 601+	Envelopes	229 68.1+	Limit stop	192 142 A
Telegraphic keys	178 101+	Flexible bags	383	Locomotive railway	105 61
Telephone electrode	381 386+	Food sterilizing in	426 521	Motor	318
Telephone switch rotary	379 362+	Freight	220 1.5	Motor and brake	477 +
Train mechanism signal or		Hazardous waste containment	588 249+	Motor and clutch	477
control	246 192 A+	Hermetic food packaging	426 392+	Music tone generation	84 600+
Train telephone and		Insulating jacket	220 903*	Musical instrument	84 113
telegraph continuous	246 9+	Latching-type	206 405	Musical instrument	84 171
Transmission to vehicle		Loose material filter	210 263+	Phonograph turntable stop	
collectors	191 45 R+	Manufacturing from paper	493	mechanism	369 237
Gas and liquid	261	Decoration article	493 955+	Prime mover dynamo plants	290 7+
Automobile ventilation	454 157	Pallet	493 964+	Radiant energy	250
Building ventilation	454 337	Pliable	493 916+	Light wave	398 106+
Building ventilation	454 223	Rigid	493 901+	Railway block signal systems	246 20
Concentrating evaporators	159	Textile	493 937+	Robot	700 245+
Condensers	165 110+	Material	428 34.1+	Stop mechanism	192 127
Defecating apparatus for sugar	127 12	Medical syringes bulb combined	604 212+	Switch	200
Distilled mineral oil		Medicator	604 232+	Telegraphy remote control	178 4.1 R
condensing	196 140	Metallic	220	Telephone systems	379
Heat exchange	261 127+	Ornamental	428 34.1+	Textile making	87 15
Rail-car ventilation	454 110	Paperboard boxes	229 100+	Transmission and brake	192 226
Gas or vapor with solids	34	Having viewing window	229 162.1+	Tuner remote control	334 8+
Agitation	222 195	Plastic metal working	72 272	Turntable railway	104 38

Class Subclass		Class Subclass		Class Subclass	
Vehicle brake	188 137+	Air blast &/or vacumm	29 DIG. 78	Flexible sheet drying	34 658+
Vehicle brake operator	188 182	Article support for label affixing	156 556+	Furnace type charging	414 147+
Electric motor		Bearing support for roller	384 418+	Furnace type reciprocating	414 586+
Robot	318 568.11+	Belt (see endless below)		Charger combined	414 198
Elevator	187 386	Acetylene generator carbide		Gangways	14 70
Fluid		feed	48 39	Grain hulling	99 616
Feed in solid fuel furnace	110 188+	Automatic gauging apertured	209 681	Hoist combined	414 564
Pressure brake systems	303	Automatic gauging pocketed	209 685	Material deflector	222 408
Anti-lock check valve		Automatic gauging slotted	209 665+	Plow ditcher longitudinal	37 366+
Detail		Coated surface separator		Plow ditcher longitudinal and	37 368+
Anti-lock, throttle control		receiver with	209 63	transverse	37 369
Pressure regulators	137 505+	Magazine dispenser	221 76+	Plow road grader conveyor	37 389+
Valve actuation	251	Magazine dispensing slender		wheel combined	37 391+
Fuzzy	706 1+	article	221 76+	Plow road grader transverse	37 389
Humidity	236 44 R	Manual assorting	209 705	Pneumatic stacker combined	406 77+
Lock		Manure spreader type	239 650+	Power driven	271 194+
Control and machine elements	70 174+	Mattress filling	53 255+	Product remover	83 155.1
Time	70 267+	Paper pasting strip cutter feed	156 510	Rotary digger	37 190
Machine elements		Power driven	198	Self loading excavating vehicle	37 304+
Lever and linkage	74 469+	Sifters	209 307+	Sheet delivering	271 198+
Trips	74 2+	Sifting liquid treatment	209 272	Sheet delivering to curtains	271 67
Motor or pump (see regulator)		Stratifiers liquid treatment	209 428+	Sheet delivering to flies	271 66+
Brake combined	477 +	Textile smoothing transfer	38 8+	Sheet delivering to other	
Clutch combined	477	Butchering	452 177+	conveyors	271 69+
Pump regulators	417 279+	Centrifugal fluid		Sheet feeding	271 264+
Motor vehicle	180 315+	distributor feed	239 215	Sheet feeding and delivering	271 7
Mechanism	180 315+	Chain or belt	29 DIG. 73	Sheet feeding and separating	271 12+
Radiated wave responsive means	180 167+	Chute	193 2 R+	Sheet feeding delivering and	
Velocity responsive means	180 170+	Apertures automatic gauging	209 682	separating	271 6
Nuclear reactor	376 207	Drying apparatus	34 165+	Vehicle unloading external	414 373+
Nuclear reactor	376 220	Gaseous suspension assorting	209 149	Horizontal movement	414 353
Nuclear reactor	376 339	Gauging automatic by rolling	209 696	Reorienting support	414 356
Nuclear, control component	376 327	Liquid suspension assorting	209 196	Repositioning support	414 351
Parachute	244 152	Reciprocating	209 196	Wheel excavator longitudinal	37 96
Pipe		Stationary	209 202	Wheel excavator transverse	37 97
Fluid pressure brake	303 86	Manual assorting	209 703+	Excavator	37 360+
Fluid pressure brake automatic	303 29	Movable bed stratifiers	209 479+	Ditchers	37 347+
Fluid pressure brake automatic		Liquid treatment, spiral	209 434	Railway snow	37 208
and direct	303 25+	Plural destination conveyor &	198 359	Road grader	37 381+
Fluid pressure brake charging	303 66+	Pneumatic stratifiers		Roadway snow	37 237+
Fluid pressure brake releasing	303 81+	Movable bed	209 471+	Flexible	29 DIG. 99
Power stop	192 116.5+	Stationary bed	209 477	Fluid current	406
Press	100 43+	Pockets automatic gauging with	209 684	Boiler or deep fat frying	99 406
Interrelated components	100 353	Power driven conveyor combined	198 523+	Diamagnetic separation of	
Robot	700 245+	Stationary bed liquid treatment		solids	209 212
Electric	700 245+	Stratifier	209 458+	Drying apparatus treated	
Electric motor	318 568.11+	Stratifiers reciprocating	209 437+	material	34 576+
Speed (see speed)		Stratifiers rotating	209 444	Drying process material	
Temperature (see cooling; heating)		Reciprocating	209 435	suspension or	34 359+
Automatic	236	Chutes skids guides ways	193	Electrostatic separation of	
Controlled Release of Medicines	604 890.1+	Coated surface separator		solids	209 127.1+
Conversion		receivers with	209 65+	Fluid conveyor or applicator	29 DIG. 63
Alleged-of chemical elements	976 DIG. 409	Cooking apparatus	99 443 R	Fluid handling system cleaners	137 238+
Nuclear into electric current	976 DIG. 317	Beverage infuser	99 289 R	Insect dusting machine with	43 141
Radioactive radiations	976 DIG. 419	Boiler or deep fat fryer	99 404+	Insect powder dusters	239 650+
Conversion of Power, Electrical	363	Corn popping	99 323.9	Material of indeterminate length	226 97.1+
Conversion Reaction, Nuclear	376 156	Filled receptacle cooker	99 360+	Mortar mixer processes	366 3+
Conversion Systems, Electrical	363	Griddle	99 423+	Mortar mixers	366 10
Converter		Molding support	99 427	Paramagnetic separation of	
Bessemer	266 243+	Smoke treating	99 467+	solids	209 213+
Electric current	363	Spit or empaling type	99 420	Railway snow excavator	37 202
Cryogenic	363 14	Toaster or broiler	99 386+	Rotary meat comminutor combined	241 38+
Frequency	310 160	Waffle iron type cooker	99 373	Sand blast abrading	451 75+
Apparatus	310 160	Design	D34 29+	Separating operations combined	209 12.1+
System	363 157+	Drying		Separation of solids	209 132+
Heptode pentagrid	313 300	Hollow article	34 105	Separation of solids by	
Metallurgical	266 243+	Houses containers with	34 201+	adhesion	209 45+
Octode	313 300	Removable shelf or tray		Separation with heat treatment	209 11
Pentagrid	313 300	handling	34 194	Sheet delivering	271 306
Triode heptode	313 298	Stationary receptacle with	34 179+	Sifting	209 233+
With two cathodes	313 6	Treated material handling	34 236	Solids comminuting apparatus	
Triode hexode	313 298	Dumping scow platform	114 34	with	241 38+
With two cathodes	313 6	Egg candling	356 55+	Solids comminuting processes	
Convertible (See Type of Device)		Electrolytic apparatus work	204 198+	with	241 15+
Armchair to bed	297 115+	Endless		Stratifiers	209 422+
Auto bodies	296	Adjustable material deflector		Track sander pipe cleaning	291 43
Chair	297 118+	for	222 290	Track sanders	291 3+
To cane	297 118	Bucket ditcher longitudinal	37 359	Treatment precedent to	
To stacked bunks	297 62	Bucket ditcher transverse	37 360	separation	209 3+
To table	297 119+	Chain	198 643	Treatment subsequent to	
Cutlery	30 122	With pusher	198 725+	separation	209 10
Garment supporter	2 301	Container sterilizing	422	Fluid pressure testing for	
Horizontally supported		Cooperating comminuting	241 200	leakage	73 41+
Planar surfaces	108 11+	Dispenser	222 415	Garbage and sewage furnace	110 255+
Plural seats to single bed	297 63+	Dispensing trap chamber on	222 371	Gas as a	29 DIG. 81
Racks	211 2+	Dragline scoop combined	414 570	Gaseous suspension assorting	
Refrigeration related	62 326+	Drying house plural run	34 207	feeding	209 147+
Stand to cane	248 155+	Drying house single run both		Glass annealing	432 121+
Vehicle to chair or seat	280 30+	active	34 208	Harvester	
Walker to vehicle	280 7.1+	Electrolytic movable electrode		Cutting binding combined	56 131+
Converting, Mechanical Process of	29 401.1	work	204 202+	Cutting combined	56 153+
Conveyor (See Carrier; Chute; Feeder)	193	Endless digger	37 462+	Cutting threshing combined	56 122+

Class Subclass		Class Subclass		Class Subclass	
Marine.....	56 9	Thermolytic distillation.....	202 118	Cooling and heating apparatus.....	165 58+
Motor cutter and detachable.....	56 3+	Self loading vehicle.....	414 467+	Conveyer art.....	198 952*
Motor cutter combined.....	56 14.5	Sheet feeding and delivering.....	271	Design.....	D23
Heat exchange.....	165 120+	Sifter.....	209 261+	Towers.....	261 DIG. 11
Chamber.....	165 120+	Discharging.....	209 257	Discharge nozzle.....	239 132.3
Linear motor.....	198 619	Discharging and valve.....	209 256	Reaction motor.....	239 127.1+
Liquid suspension assorting feeding.....	209 184	Feeding.....	209 247+	Dispenser.....	222 146.6
Liquid treatment stratifiers rotating with.....	209 452	Feeding and discharging.....	209 241	Distillate.....	203
Liquid treatment stratifiers stationary with.....	209 461+	Feeding hopper.....	209 245	Apparatus combined.....	202
Lubricator.....	184 12	Plane reciprocating with.....	209 320+	Drying combined with.....	34 391+
Force feed.....	184 61+	Rotating drum combined.....	209 293+	Cold gas contact.....	34 428+
Systems.....	184 6+	Superposed plane with intermediate.....	209 316	Cooling means.....	34 62+
Material for.....	198 957*	Store service.....	186	Vapor condensers.....	34 73+
Mining machine.....	299 64+	Thermolytic distillation retort.....	202 117+	Earth boring combined.....	175 17
Moving wave.....	198 630	Threshing machine dust.....	460 117	Electric lamp.....	313 11+
Potato digger spiral.....	171 113	Thrower.....	198 638+	Electric lamp or electronic tube in system.....	315 112+
Power driven.....	198	Furnace charging.....	414 193	Electrical apparatus.....	174 15.1+
Press combined.....	100 144+	Scattering unloader.....	239 672+	Electron tube.....	313 11+
Quencher for thermolytic distillation.....	202 230	Track sander.....	291 32	Emulsion breaking by.....	516 194+
Receptacle positioning for filling.....	141 129	Transversing wall aperture.....	198 950*	Evaporation, cooling by In hydrocarbon synthesis.....	585 940*
Reciprocating		Turning cigarettes end for end.....	198 951*	Fluid handling systems or devices with.....	417 243+
Discharge assistants sets of.....	222 275+	Typesetting machine.....	276 16+	Discharge nozzles.....	239 132.3
Dispensing.....	222 409	Washer type combined peeler or parer.....	99 623+	Foundry mold.....	164 348
Dispensing trap chamber.....	222 361+	Washing apparatus having Brushing scrubbing etc.....	15 3+	Furnace.....	432 233+
Furnace charging.....	414 194	Liquid contact with solids.....	134	Arc, electrical.....	373 74
Furnace fuel feed.....	110 109	Washing apparatus having endless.....	137 124+	Sidewall.....	373 76
Plural source dispensing unitary.....	222 137	Bottle brushing.....	15 60+	Design.....	D23 329
Power driven.....	198 750.1+	Control by work or work holder.....	134 48	Doors or casings.....	110 180
Pusher.....	198 736+	Sequential stations work transfer.....	134 67+	Doors or fronts by water.....	122 497+
Power driven pusher.....	198 736+	Work transfer.....	134 70+	Electrical induction.....	373 165
Series discharge assistants.....	222 243+	Wood cutting machine dust.....	144 252.1+	Coreless.....	373 151+
Rotary and.....	222 233+	Wooden flight making machine.....	144 10	Industrial by water.....	122 6 R+
Sheet delivering.....	271 84+	Convolute Winding	242 520+	Metallurgical shaft type.....	266 190+
Sheet feeding.....	271 267+	Laminated article making.....	156	Resistance, electrical.....	373 113+
Sheet separating and feeding.....	271 14	Paper tube machine.....	493 303+	Fusion-bonding apparatus combined.....	228 46
Thermolytic distillation.....	202 119	Cooker & Cooking		Gas and liquid contact.....	261 127+
Transverse to material flow.....	222 200	Barbecue unit.....	D07 332+	Glass manufacturing	
Vibrating dispenser bottom.....	222 199	Capacitive.....	219 771	For apparatus.....	65 355
Vibrating trough.....	198 750.1+	Commercial equipment.....	D07 323+	Melt cooling.....	65 137
Refrigeration combined		Digester.....	422 307+	Product cooling.....	65 348
Cooled article.....	62 378+	Electric ovens.....	219 391+	Grinder.....	451 449+
Door mounted.....	62 377	Electric vessels.....	219 438+	Heating combined or by heat exchange.....	165
Process.....	62 62+	Electric vessels and stands.....	219 429+	Humidity regulation.....	236
Solid refrigerant.....	62 379+	Food.....	99 324+	Light projectors.....	362 294
Residue or sediment mover.....	210 523+	Non-cooking heat treatment.....	99 483	Liquid.....	62 389+
Roaster type combined peeler or parer.....	99 483	Heat source.....	D07 362+	Automatic.....	62 177+
Robot cooperating with.....	901 7*	Household appliance.....	D07 323+	Discrete commodity contacting.....	62 373+
Roller.....	193 35 R+	Household container.....	D07 354+	Indirect heat transfer liquid.....	62 430+
Live rolls.....	198 780+	Inductive heating.....	219 620	Process.....	62 98+
Rotary.....	198 624	Microwave heating.....	219 725	Liquid purification.....	210 774+
Rotary		Popcorn.....	D07 325	Apparatus.....	210 175+
Acetylene generator carbide feed.....	48 48+	Solar.....	D07 324	Precipitation.....	210 737
Discharge assistants sets of.....	222 271+	Solid fuel.....	D07 332	Lubricators.....	184 104.1
Dispensing.....	222 410+	Starch.....	127 28	Material during filling.....	53 127
Dispensing trap chamber.....	222 367+	Stoves.....	126	Milk treating apparatus.....	99 455
Drying apparatus.....	34 184+	Cookie Cutter	D07 672	Mold stereotype.....	164 144
Electrolytic with work.....	204 199+	Coolant	102 704*	Mold type.....	199 56
Gravity flow dryer with.....	34 166	Nuclear reactors.....	976 DIG. 1+	Motor or pump	
Heat exchange cylinder with.....	165 120+	Cooler & Cooling (See Congelation; Quenchers; Refrigeration)	62	Combustion products power plant.....	60 39.83
Heat exchange horizontal.....	165 88	Abrasive tool or support.....	451 488	Compressor intercooler.....	417 243
Heat exchange vertical.....	165 89+	Air.....	62 404+	Condensers.....	165 110
Mercurial adhesion separating.....	209 70	Automatic.....	62 186+	Electric locomotive.....	105 59
Power driven.....	198	Process.....	62 89+	Internal combustion.....	123 41.01+
Rotating drum sifter.....	209 296	Air conditioning equipment.....	D23 351+	Land vehicle system.....	180 68.4+
Series dispensing means.....	222 236+	Article in dispenser.....	221 150 R	Marine propulsion.....	440 88
Series dispensing means reciprocating and.....	222 233+	Automatic cooling and heating.....	165 201	Power plant combustion exhaust... 60	310
Sheet delivering.....	271 314+	Bearings.....	384 313+	Power plant combustion exhaust... 60	317
Sheet feeding.....	271 275+	Beds.....	5 284	Power plant combustion exhaust... 60	320+
Scales combined.....	198 502.1+	Metal rolling.....	72 251	Power plant combustion exhaust... 60	685
Screw.....	198 657+	Body.....	604 113+	Power plant flue ejected exhaust.....	60 685+
Acetylene generation carbide feed.....	48 54	Treating material.....	604 113+	Radiator.....	165 121+
Cam or screw conveyor.....	29 DIG. 100	External.....	604 291+	Shaft coupling.....	464 17
Centrifugal fluid distributor feed.....	239 218.5	Brakes.....	188 264 R	Turbine.....	415 175+
Ditcher.....	37 351+	Cabinet combined.....	312 236	Needle of sewing machine.....	112 281
Earth boring tool.....	175 394+	Castings.....	164 122+	Nozzles.....	239 132.3
Furnace fuel feeder.....	110 110	Continuous.....	164 443+	Reaction motor discharge.....	239 127.1+
Pneumatic conveyor feed.....	406 56+	Chemical reaction or solids dissolving.....	62 4	Nuclear reactors.....	976DIG. 187+
Potato digger.....	171 134	Cleaning or polishing tool or support.....	15 230.1	Pipe joint.....	285 41
Rotary discharge assistant.....	222 412+	Clutches.....	192 113.1+	Pipe smoking.....	131 195
Series rotary discharge assistants.....	222 240	Coating treatment.....	427 398.1+	Plastic metal working.....	72 253.1+
		Compositions.....	252 70	Power plant x-art.....	60 912*
		Antifreeze type.....	252 71	Radio type tubes	
		Vaporization or expansion.....	252 67+	Integral cooler.....	313 11+
		Congealed material drying.....	34 302+	Rolling mill.....	72 201
		Control.....	236	Sewage treatment process.....	210 612+
				Tires.....	152 153

Class Subclass		Class Subclass		Class Subclass	
With comminution	241 65	Knitted	66 169 R+	Deforming metal	
By fluid or lubricant and other methods	241 17	Woven	139 383 R+	Destructible core	72 57+
By fluid or lubricant method	241 15	Fastener or tie	24 115 R+	Flexible core	72 466
By gas or vapor method	241 18+	Bale or package	24 18	Distillation retort	202 225
Fluid applying means	241 38+	Box closure	229 125.22	Electromagnet	335 297
Material cooling means	241 65+	Flexible bag	383 71	Circuit breaker armature	335 281+
Material cooling methods	241 23	Garment supporter	2 341+	Circuit breaker multiple	335 180+
Work holder electric metal heating	219 158+	Hat	132 61	Flexible for tube bending	72 466
X ray generating apparatus with	378 141	Knotted combined	289	Magnetic	
X ray tubes	313 11+	Necktie	24 58	Electromagnet with armature	335 220+
Cooling Tower	261	Design	D02 607	Reactor	336 233+
Ice prevention	261 DIG. 86	Sash	16 202+	Transformer	336 233+
Coop.	119 437	Separable	24 660	Materials	106 38.2+
Coopering (See Barrels)	147	Window sash combined	49 445+	Molding machines for foundries	164 228+
Coordinate Determination	367 907*	Finishing apparatus	28 219+	Nuclear reactor	376 347
Cop and Cop Winding	242 470+	Guide	254 389	Nuclear reactor	376 409
Bobbins or spools	242 118.3+	Convolute winding, for	242 548+	Pile driving type	405 245+
Filling receptacles with	53 235+	Knotted combined	289 15	Pillow	5 636
Finishing apparatus	28 284+	Running material	242 615+	Plates for storage batteries	429 209+
Sorter	209 927*	Sash	16 210+	Railway pedestal block	238 117
Wound packages	242 159	Strand	242 157 R+	Screw threading taps	
Copal.	530 203	Hat	2 175.7	Cam	408 158
Sand type	164 349+	Opener, tear member		Wedge	408 179
Making	164 6+	Bag	383 206	Static mold having	
Copier and Copying		Box	229 239	Removable	249 142
Electrophotographic	399	Envelope	229 311+	Strand structure covered	57 210+
Coping	52 300	Operating (see device operated)		Supports	164 397+
Earth supported	52 102	Packaging	28 289+	Textile covering processes	57 3+
Tubular	52 244	Picture frame	40 757+	Textiles covering	57 3+
Copper		Pliant, deformable sheet		Tires casing enclosed	152 310+
Alloys	420 469	retainer	402 8+	Winding of fabrics	242 520+
Aluminum	420 489	Shortener (see take up)		Corer	
Compound inorganic	423	Spun twisted or twined	57	Hand manipulated	30 113.1+
Biocides containing	424 630+	Spun twisted or twined design	D05 7+	Plural cooperating blades	30 174
Cuprates	423 592.1+	Straightener		Machine	99 547
Halides	423 462+	Electric conductor type	174 69	Doffer parer combined	99 541+
Hydrocarbon purification by	585 849	Insulator combined	174 154	Doffer parer segmenter combined	99 543
Oxide or hydroxide	423 604	Spring device	267 74	Parer combined	99 541
Photoelectric cell battery	136 265	Telephone cord type	379 441	Parer slicer combined	99 543
Compound organic	556 110+	Supporting		Parer slicer combined	99 592
Medicine	514 184	Light type	362 407	Segmenter combined	99 545
Electrolytic synthesis	205 574+	Package and article carrier	294 149+	Slicer combined	99 552
Froth flotation	209 901*	Picture type	248 489+	Cork	
Heat treatment	148 679+	Sash balance	16 193+	Board making	264 124
Hydrometallurgy	75 711+	Sheet retainer also serves to insert binder strand thru sheet	402 7	Bottle stoppers	215 355+
Plate	428 674+	Tool cord type	248 51+	Coating or plastic compositions containing	106 169.1+
On iron	428 676+	Terminal	439 775+	Fastener making	140 85
Plating	205 291+	Tire		Hoof covering	168 26+
Pyrometallurgy	75 638+	Antiskid devices	152 221+	Paving	404 17+
Combined with hydrometallurgy	75 416+	Carcass material	152 548	Polymers ctg (see synthetic resin or natural rubber)	
Copy		Carcass material arrangement	152 558	Press	144 284
Advancing means	226 168+	Making	156 117	Pullers	81 3.07+
Business distributed data files	705 57	Tying or knotting	289	Removing implement	D08 42
prevention of	705 57	Harvester compressing and binding	56 433+	Wire applying to	140 94+
Using a program or origin id	705 58	Harvester raking and bundling	56 343	Corkscrew	81 3.45
Electrophotographic copy	399	Winding and reeling	242 470+	Hayfork manipulator	294 121
Holdings (see copyholders)	248 441.1+	Cordeau Detonant	102 275.1+	Making	140 86
Advancing means	226 12	Composition	149 105+	Corn	
Multiple	462 18+	Box	164 228+	Cob splitter	225 93+
Photocopying equipment	D18 36+	Planes	30 479	Ear holder	294 5
Copyholder	248 441.1+	Sections hinged	164 233	Files	132 76.4
Card holder on typewriter	400 521+	Brush and broom	15 204+	Foods	426 627+
Electrophotographic copier	355 72+	Casting		Flakes	426 621
Electrophotographic copier	399 377+	Boxes	164 228+	Grinding	241
Line guide type	40 352+	Cement pipe mold	425 59+	Harvesting	56 51+
Movable copy	40 342+	Cement pipe mold	425 406+	Holder for eating	D07 683
Passive guide for moving material	226 196.1	Chaplets	164 398+	Husking	
Sheet or web holder on typewriter	400 578+	Materials	106 38.2+	Machines	460 25
Typewriter attachable	248 442.2	Means to expand or contract	249 178+	Means to butter ear corn	401 12
Copying (See Pattern Control)		Metal founding sand	164 369+	Medicines for	424
Camera	355 18+	Molds metal separable	249 142+	Pads for	128 882
Coated surface	427 144	Molds sand combined	164 365+	Planter	111
Compositions	106 14.5	Of plural sections	249 184+	Clutches	192 23
Electrophotography	399	Of resilient material	249 183	Popping apparatus	99 323.5+
Machines (see pattern control)		Plastic molds	425 468	Shellers	460 45+
Pads and forms	118 264+	Removing	164 132	Green corn	99 567
Paper or carbon paper	462 69+	Removing apparatus	164 345+	Stringers weaving	139 19
Coated	427 153+	Static mold	249 175+	Stripper	30 121.5
Planographic		Cutters auger type	408 199+	Corncob	
Apparatus	101 131+	Cutting		Pipe	131 230
Elements	101 473	Annular drills	408 204+	Splitter	225 93+
Processes	101 468+	Button making	79 16	Corneal Cutting Device	606 166
Presses		Earth	175 403+	Corner	
Design	D18 50	Tubular wood saw	408 204+	Building component	52 272+
Wood turning	142 7+	Wood disk	408 204+	Concrete or plaster	52 250+
Cord (See Strand)		Dam	405 109	Embedded protector	52 254+
Electric (see conductor)				Panel edge binder	52 264+
Fabric				Trim or shield	52 287.1+
Bed bottom	5 190+			Window frame post	52 204.57
Braided netted or lace	87			Cabinets	312 238
Hammock	5 122				

Class Subclass		Class Subclass		Class Subclass	
Connector		Refractory composition.....	501 127+	Faucet operation.....	235 94 R
Folded wall extension.....	229 190+	Magnesium compound containing	501 119	Geiger muller.....	250 374+
Folded web.....	229 186+	Corymanthine	546 53	Indicating means.....	377 112
Structure		Cosmetic Product	D28 4+	Tube per se.....	313 93
Bedstead fastenings.....	5 288+	Applicator, bristled brush.....	D04	Mechanical.....	235
Block.....	52 284+	Applicator, general.....	D28 7+	Mechanism for package.....	235 98 R
Bolted table leg.....	108 156	Box.....	206 542	Mechanism for turnstiles.....	235 93
Bracket type support.....	248 220.1	Brush.....	D04	Nuclear for fluid.....	250 336.1
Building component.....	52 272	Cold cream.....	514 772+	Railway block signal in-and-out.....	246 77+
Coffins.....	27 10	Compacts.....	401 126+	Railway car actuated circuit	
Curbs and gutters.....	404 8	Design.....	D28 78	control by.....	246 247
Elastic flat bedbottom.....	5 205+	Facial.....	514 844*	Recorder combined.....	346 14 R+
Land vehicle body.....	296 29+	Including toilet article.....	132 286+	Registers.....	235
Panel type switchboard.....	361 651	Eg mirror.....	132 316	Rotation.....	235 103+
Razors.....	30 76	Compact.....	132 301+	Scintillation.....	250 361 R+
Resilient tires sectional.....	152 183	With light.....	362 135+	Sheets.....	235 89 R
Trunk shields and buffers.....	190 37	Lipsticks.....	424 64	Shoe.....	36 69
Cornet	84 388+	Container.....	206 385	Showcase.....	312 114+
Design.....	D17 11	Lipstick in container.....	D28 76+	Cabinet type.....	312 140.1+
Drainage.....	84 397	Package for.....	206 803*	Protectors and guards.....	312 137
Mouthpieces.....	84 398+	Powder applicator.....	D28 8	Stiffener	
Mutes.....	84 400	Powder in container.....	D28 76+	Boot and shoe.....	36 68
Tremolos.....	84 401	Shaped applicators.....	132 320	Shoe heel and.....	36 69
Cornice		Design.....	D28 76+	Systems.....	377 27
Curtain shade or screen combined..	160 19+	Cosmic Ray Detection	250 336.1	Typewriter words.....	235 102
Design, fabric.....	D06 575	Cloud chamber.....	250	Counterbalance (See Counterpoise;	
Design, rigid.....	D25 55	Detector tubes.....	376 153+	Counterweight)	
Design, structural.....	D25 55	Detector tubes.....	313 93	Cable hauling drum with.....	254 312
Metal sheathing.....	52 287.1	Photographic film.....	250 475.2	Centrifugal metal	
Trim or shield.....	52 287.1+	Scintillation.....	250 361 R+	casting device with.....	164 287
Corona		Cosmid	435 320.1	Closet seat.....	4 241
Discharge photography.....	396 661	Cost Determination		Crane.....	212 195+
Discharge process.....	430 937*	Automated.....	705 400	Crank and wristpins.....	74 603+
Chemical apparatus.....	422 907*	Costume	D02 741	Cultivator beam seat.....	172 431+
Electrophotographic copier.....	399 170+	Garment prior to 1900.....	D02 729	Electric lamp etc electrode.....	314 98
Prevention		Cots	5 110+	Elevator.....	187 404+
Conductors.....	174 127	Canopies.....	5 414+	Pedals.....	74 594.5
Dynamos.....	310 196	Cotter		Pitman and connecting rod.....	74 589+
Corpse		Nut locks		Railway cable car.....	104 174+
Carriers.....	27 28	Design.....	D08 382	Railway wheels with.....	295 6
Coolers		In bolt to nut lock.....	411 213	Robot.....	901 48*
Display type.....	62 246+	In bolt to nut lock.....	411 320	Spring biased tool.....	172 705+
Open support.....	62 458	Making.....	29 5	Stand and adjustable bracket.....	248 123.11+
Cremating furnace.....	110 194	Pin.....	411 513	Standard type support	
Undertaking.....	27	Pullers.....	29 247+	adjustable with.....	248 162.1
Corrosion Preventing		Railway car wheel.....	295 50	Suspended support adjustable with.....	248 323+
Agents.....	252 387+	Shaft joint type.....	403 378+	Upending bed.....	5 164.1+
Coating composition.....	106 14.05+	Slot punching.....	470 161	Valves.....	251 281+
Distilling combined.....	203 6+	Cotton		Weighted tool.....	172 611
In hydrocarbon synthesis.....	585 950*	Chopper type plows.....	172	Weights per se.....	16 404
In nuclear reactors.....	376 305	Fiber preparation.....	19	Weights support type.....	248 364
Mineral oil conversion combined.....	208 47	Harvesting.....	56 28+	Counterbore	
Processes.....	422 7	Ripening.....	47 5	Boring head.....	408 223+
Refrigeration with.....	62 85	Cotton Candy Maker	425 9	Counterpane	5 482
Corrugated Structure		Couch		Counterpoise (See Counterbalance)	
Building panel.....	52 630	Box type.....	297 188.08+	Disappearing gun mount.....	89 39
Metal.....	428 603+	Furniture design.....	D06 334	Oval pattern lathe chucks with.....	142 51
Pipes		Hammock.....	5 124+	Radio antenna.....	343 846+
Flexible.....	138 121+	Kinestherapy.....	601 49	Countersink	
Reinforced.....	138 173	Light thermal and electrical		Augers.....	408 223+
Railway ties.....	238 82	applying.....	607 115+	Drill combined.....	408 223+
Receptacle wooden straps for.....	217 67	Orthopedic.....	606 242+	Pipe and plate packed joint.....	285 211+
Reflector lantern combined.....	362 297+	Roll.....	162 314	Reamers.....	408 223+
Sheet metal.....	428 603+	Tub combined.....	4 547	Screw pipe joint external	
Ship.....	114 80	Coulombmeter		packing and.....	285 349+
Stock material.....	428 179	Ballistic galvanometer.....	324 97	Screws.....	411 378
Making apparatus.....	156 205+	Electrolytic.....	324 94	Countertop	
Making process.....	264 286+	Coulter	172 165	Tile.....	D23 308
Wrappers for bottles.....	229 90	Planting machine.....	111 140	Counterweight (See Counterbalance)	
Corrugating (See Crimping)		Coumarins	549 283	Carcass splitting saw.....	452 160+
Land furrowing implement.....	172	Coumarone	549 434	Chute.....	193 24
Metal.....	72 190+	Resins (see also synthetic resin or		Chute vertical swing.....	193 18+
Curving and.....	72 177	natural rubber).....	526 266	Drilling machine.....	408 235
Slitting and.....	29 6.1	Counter & Counting (See Recorders;		Elevator fluid governors.....	187 345+
Tube.....	72 102+	Registers; Shelf & Shelving; Tally;		Grinder mount.....	451 166+
Web or sheet.....	72 196	Showcase)	D10 97	Light supports with.....	362 401+
Paper		Alarm for operation.....	116 73	Material handling hoist.....	414 601
Crepe paper making.....	162 111+	Applications.....	377 1	Material handling hoist with.....	414 673
Processes for.....	264 286+	Bank protection trapping		Railway car stop bumpers with.....	104 255
Plastic & earthenware shaping.....	425 396	mechanism.....	109 4	Railway switch and signal	
Ruffler for sewing machine.....	112 132+	Blood.....	377 10	mechanical locking with.....	246 153+
Corsage	D11 117+	Cabinet type.....	312 140.1+	Railway switch stands	
Corset	450 94	Check-out counter.....	186 59+	automatic with.....	246 288
Covers.....	2 110	Coin.....	453 58+	Sash.....	16 216+
Design.....	D02 701+	Box.....	235 100	Sash balances cord and.....	16 194
Making.....	223 53	Decade		Suspended support with.....	248 331
Reinforcing.....	223 4	Electronic tube type.....	377 103	Vertically swinging shovel with.....	414 719+
Corticosterone	552 588	Gas tube.....	315	Couple	
Cortisone	552 577	Electromechanical.....	377 82	Delivery twist textile spinning.....	57 60+
Cortisone, in Drug	514 179	Electromotive force		Strand controlled starting and	
Corundum	423	generator excitation control.....	322 86+	stopping.....	57 82
Abrasive composition.....	51 309	Electronic.....	377	Printing.....	101 183+

Class Subclass		Class Subclass		Class Subclass	
Coupler for Organ (See Organ)		Clothesline	211 119.18	Design of cover	D15 75
Coupling (See Connection)		Coffin	27 19	Housing attached cover.....	312 208.6
Agricultural implement to tractor	280 504+	Corset	2 110	Shelf (covering)	428 904.4*
Bolt or nut substructure	411 81+	Cutlery	30 326	Shoe (during manufacture).....	36 72 R+
Bolt to nut	411 190+	Cutting bit (earth penetrating)	175 307	Bag type	383
Boxes to electric fixtures	174 61+	Cutting blade	30 504	Special receptacle type.....	206 278+
Circuit	333 24 R+	Dentists engine hand piece		Skate (roller or ice)	206 315.1
Cord and cable		(during use)	433 116	Boot attached	280 811
End holders	24 115 R+	Engine or motor	150 157	Scabbard	280 825
Ship tension reliever	114 216+	Engine attached drip catcher		Ski	206 315.1
Detachable from container	206 831*	type	180 69.1	Binding	150 154
Draft		Filter type cover	55 490+	Body supported	224 191+
Articulated land vehicle	280 504+	For liquid purification	210 500.1+	Clamp or tie attached to ski.....	280 814+
Cable	104 193	Fishing rod or reel	43 26	Vehicle supported	224 309+
Horse drawn streetcar	278 2.1	Floor (carpet)	428 85+	Soap (porous cover)	401 201
Plow type	172 677+	Flower pot (decorative wrapper)	47 72	Sponge	15 244.1
Railway	213 75 R+	Faucet	150 158	Spoon	30 326
Railway tools	294 18	Fluid handling device	150 156	Stair	52 177+
Thill	278 52+	Flush closet (toilet) lid	4 242.1	Steering wheel	74 558
Electric		Flush closet (toilet) seat cover	4 245.1+	Stirrer	366 349
Amplifier (see amplifier)		Furniture	150 158	Suitcase	190 26
Brake	310 93	Armrest	297 227+	Surgical drape type	128 849+
Circuit	333 24 R+	Bed (sheet, blanket, bedspread,		Thermal probe	374 209
Clutch type	310 92+	etc.)	5 482+	Swimming pool	4
Network type	333 24 R+	Electric blanket type	219 212	Building type	52
Wave guide	333 202+	Billiard and pool table	473 34	Switch actuator	200 333
With antenna	343 850+	Chair and seat	297 219.1+	Table	108 90
Fluid	60 325+	Design of cover	D06 617+	Tarpaulin	52 3+
Clutch combined	192 3.21+	Table	108 90	Telephone	379 451+
Gearing combined	74 730.1+	Garment hanger	223 98	Tent or canopy	135 115
Impeller making	29 889.5	Golf bag or cart	150 159	Thermal probe	374 209
Planetary gearing combined	475 31+	Golf club	150 160	Tire or inflated inner tube.....	206 304+
Rafting and booming timber type....	441 50+	Gun	206 317	Design of cover	D12 202
Railway tools	294 18	Barrel	42 96	Vehicle attached tire	224 42.2
Railway wheel and axle	295 39+	Sight	42 143	Toilet (flush closet)	4
Rod pipe and shaft		Stock	42 74	Cover for seat	4 245.1+
Closet bowl	4 252.1+	Hand grip	16 DIG. 12	Cover for tank	4 901*
Dredger pipe structure	37 335+	Hand tool	150 161	Design of cover	D23 311
Dredger pipe supports	37 334	Handle of operating mechanism.....	74 558.5	Lid for closet bowl	4 242.1
Electrical pipe type	439 191+	Handlebar	74 551.9	Trailer hitch ball	280 507
Flexible shaft	464	Headlight	150 166	Tree	47 23.1+
Nozzle type dispenser	222 567+	Hinge	16 250+	Christmas tree bag type	206 423
Pipe type	285	Hitch ball	280 507	Trunk guard type	47 32.4+
Railway draft pipe support	368 15+	Hot water bag	383 901*	Typewriter	150 165
Rod type	403	Therapeutic structure	607 114	Design of cover	D18 12
Scaffolding pole	403	Hydrant	137 296	Housing attached cover.....	312 208.3
Seal for a joint or juncture	277	Ice bag	383 901*	Umbrella	135 33.2+
Sprinkler pipe	239 266+	Ice skate	206 315.1	Vault pavement type	404 25+
Strainer and pipe	4 288	Boot attached cover.....	280 811	Design	D25 36
Valved pipe	60 530+	Scabbard	280 825	Vehicle	150 166
Coupon		Ironing board	38 140	Body (while in operation;	
Electronic distribution or	705 14	Keyhole	70 455	including a "bra")	280 770
redemption	705 14	Knob on a closure fastener	292 DIG. 2	Engine attached drip catcher	
Envelope	229 70	Lamp shade	362 351	type	180 69.1
Tallies	283 51+	Lock	70 55	Load	296 100.01+
Course for Animals	119 422+	Luggage	190 26	Design of cover	D12 401+
Court (Tennis, Racquetball, Etc.)	472 92+	Machine mechanism guard type.....	74 608+	Motorcycle or bicycle.....	150 167
Cover (See Closure; Covering; Guard;		Motor	150 157	Roll up type.....	296 98
Lid; and Notes To)		Engine attached drip catcher		Tire	206 304+
Ampoule stem	81 3.4+	type	180 69.1	Design of cover	D12 202
Article carrier (vehicle attached)	224 42.2	Motorcycle	150 167	Vehicle attached tire	224 42.2
Roof or trunk	224 328	Paint mask type.....	118 504	Wall (wallpaper)	428 904.4*
Automobile	150 166	Person (hat, coat, etc.)	2	Washing machine	68 196
Engine attached drip catcher		Building	52	Water heater	
type	180 69.1	Design of cover	D02 865+	Boiler structure.....	122 494
Ball hitch	280 507	Knit wearing apparel type	66 171+	Electrical	219
Barrel	217 81	Leggings type	36 1.5	Tank	220 567.3
Baseball field	473 504	Tent or canopy type.....	135 87+	Window	150 168
Bed (sheet, blanket,		Piano	84 177	Rigid cover sections	160 370.21+
bedspread, etc.)	5 482+	Pillow	5 490	Vehicle combined	296 95.1
Electric blanket type	219 212	Pipe end (conduit type)	138 96 R+	Windshield	150 168
Beverage container	428	Plant	47 20.1+	Rigid cover sections	160 370.21+
Insulating jacket type	220 903*	Cut or artificial plant	206 423	Vehicle combined	296 95.1
Bicycle	150 167	Platen	355 72+	Wire coil	206 303
Boat	114 361	Electrophotographic copier	399 377+	Wooden container	217 3 CV
Body entering conduit.....	604 192+	Playing field	473 504	Barrel	217 81
Body treating insert	604 287	Pool table	473 34	Coffin	27 19
Boiler	122 494	Protective for cigarette pack	D27 186+	Covering (See Apparel; Clothes;	
Book	283 64+	Protective for matches	D27 173+	Coating; Garment)	
Design of cover	D19 26+	Purse (decorative cover)	150 105	Applying by laminating	156
India on cover	283 64	Racquet	150 163	Bridge	14 74
Removable book.....	281 19.1+	Including press.....	473 554	Floor	
Boring bit (earth penetrating)	175 307	Radiator	237 79	Carpet	428 85+
Broom or brush	15 247	Railcar step	105 450	Laminated.....	428 54
Building (materials cover, ground		Receptacle	150 154	Slatted	52 664+
anchored, etc.)	52 3	Roller skate	206 315.1	Insulating for electric conductors	174
Button	24 113 R	Boot attached cover.....	280 811	Making and applying	156
Camera	206 316.2	Scabbard	280 825	Button covering	79 4+
Can, beverage	428	Sap bucket	47 54	By laminating	156
Insulating jacket type	220 903*	Saw	150 161	Extruding metal sheath on wire	72 268
Car	150 166	Rigid guard type.....	30 504	Extruding plastic on core	425 113
Christmas tree.....	206 423	Sewing machine	150 164	Indefinite length electrical	

Class Subclass		Class Subclass		Class Subclass	
conductor	156 47+	Breathers	92 78+	Creslan T M (Polyacrylonitrile Copolymers)	526 342
Metal covering	29 33.2	Drainers	184 1.5	Cresol	568 716+
Paper	493	Housings	74 606 R	Cresotinic Acid	562 475
Sheath to tube or rod	228 126+	Internal combustion engine	123 196 CP	Cresting	52 57
Shoe heel	12 49.1	Crankshaft		Crib	
Strap	12 59	Bearing		Bed	5 93.1+
Textile spinning	57 3+	Antifriction	384 457	Design	D06 382
Wire	29 428+	Plain	384 429+	Blanket design	D06 603+
With sheet metal	29 243.57	Thrust	384 250	Chair convertible	297 7+
Shelf	428 904.4*	Lapping	451 180+	Infant, powered	180 166
Stair	52 177+	Making	29	Land vehicle convertible	280 31
Wall	428 904.4*	Apparatus	29 6.01	Storage, with changing or discharging means	414 288+
Covert	139 416	By turning	82 106+	Cribbage Board	235 90
Cowl		Method	29 888.08	Design	D10 46.1
Ventilating	454 3+	Straightening	72 389.1+	Cribbing	405 273
Design	D23 374+	With indicator	72 31.02+	Shaft	405 272
Vehicle	454 146+	Twisting	72 299	Crimped	
Crab		Methods	72 371	Filament compound metal	428 603
Picker	452 6	Crash		Filament fiber or strand	428 369+
Processing for food	452 1+	Fabric	26 26	Staple length fiber	428 362
Crack-Off	225	Seat	297 216.1+	Metal closure	220 309.1+
Glass	225 94+	Signal for airplane		Twisted and coated or impregnated	57 250+
Cracker		Radio	342 385+	Twisted synthetic	57 247
Firecracker	102 361	Water dye	116 211	Crimping (See Corrugating)	
Food	99	Crate	D09 414+	Ammunition loading	86 39+
Design	D01 128+	Animal neck stocks combined	119 732+	Apparatus textile strands	57 282+
Cracking		Animal shipping, design	D30 109	False twist	57 282+
Hydrocarbon synthesis		Freight car combined	105 373	Miscellaneous strands	28 247+
Aromatic	585 483+	Shooks	217 43 R	Plastic filaments	425 66
Diolefin	585 613+	Wooden receptacle	217 36+	Plastic filaments	425 303
Olefin	585 648+	Cravats	2 144+	Plastic filaments	425 325+
Paraffin	585 752	Fasteners	24 49.1+	Twisting and coating or impregnating	57 286
Triple bond	585 534+	Magnetic, adhesive, or snap type	24 66.1	Barbed wire	140 59+
Oils	208 46+	Crayfish		Boot and shoe making	
Electrostatic or electric discharge	204 172	Processing for food	452 1+	Loose upper shaping	12 54.1+
Crackled Coating	427 257	Crayon	401 49+	With diverse operations	12 52.5
Crackled Glass Making	65 111	Compositions	106 31.07+	Box edge making	493 109
Cradle		Holder	401 88+	Cigar or cigarette end forming	131 89+
Battery	429 96+	Advancing means combined	401 55+	Closure cap structure	215 324+
Bed	5 101+	Modifying thermometers	374 183	Glass reshaping apparatus	65 269+
Design	D06 382	Molding device	425 117	Hair crimper	132 224+
Grain	56 324	Molding device	425 425	Design	D28 35
Land vehicle convertible	280 31	Cream		Process	132 210
Receptacle stand	248 139	Cold	514 772+	Metal bending by rolls	72 199+
Squeezer type washing machine	68 114	Separating decanter	210 514+	Paper in wrapping machine	53 370
Cramps		Separators	D07 369+	Paper receptacle end structure	229 5.6
Block tie	52 712+	Treating processes	426 334+	Pie making implement	425 293
Crane (See Derrick)		Whipping	261 DIG. 16	Sewing machine running stitch	112 174+
Automatic control	212 276+	Cream of Tartar	562 585	Sleeve or tube connector	29 282
Cut-off	212 276+	Baking powder	426 562+	Hand tools	26 282
Cyclic	212 286	Creaming Latex		Textile fabrics	26 21
Sway	212 273+	Natural rubber	528 937*	Textile fibers	19 66.1+
Cab	212 290	Synthetic or natural rubber	523 335	Textile strands	
Travelling bridge	212 291	Creater (See Folder)		Plastic filaments	264 168
Collapsible	212 294+	Boot and shoe making		Twisting synthetic strands	57 282
Cornstalk cutter with discharger	56 72+	Loose upper shaping	12 54.1	Wire	140 105+
Counterweight	212 195+	Box, cut and crease	493 59+	Cringle	114 114
Removable	212 178+	Envelope	493 186+	Crocheting	
Davit	114 368	Horseshoe	59 36+	Fabric	66 193
Design	D34 33	Plaiting fluting shirring and cross creasing	223 29	Knitting	66 85 R
Electric control	212 328+	Sewing machine	112 131	Needles	66 118
Excavator with cable operated boom	37 395+	Leather	112 51	Sewing	112 116
Floating	212 307+	Creatinine	548 321.5	Crook	119 801+
Invalid lift	5 87.1	Creche	D11 122+	Crop	
Locomotive with turntable	105 28	Credit Card Systems	235 380+	Riding	231 2.1+
Material or article handling	414 561+	Electronic applications	705 38	Thinners	47 1.43
Remote or dual control	212 285	Used at point of sale terminal	705 17	Croquet	
Rotary	212 223+	Security devices	705 18	Design	D21 728
Self-erecting	212 176	To pay sales tax	705 19	Game	473 410+
Climbing	212 199+	With electronic funds transfer	705 17	Mallet	473 412
Ship mounted	212 307	Creel (See Basket)		Cross	
Transmission of electricity to	191	Bobbin supporter and holder	242 131	Bail for harness	24 172+
Traveling	212 71+	Fishing	43 55	Bearer for railway car under frame	105 419
Bridge	212 312+	Design	D03 260	Braced pole arm	52 697
Trolley type railway with transfer	104 98	Creepers		Chain antiskid for wheels	152 223+
Trucks for overhead	105 163.1+	Antislip shoe attachment	36 59 R+	Decorative item	D11 96
Vehicle mountable	212 180	Baby	297 5+	With illumination	362 121
Window	49 148	Electric wire placing	254 134.5+	Head	
Crank		Horseshoe calk	168 30	Bearing slide	384 11
Foot operated	74 594.1	Repairmans	280 32.6	Die cutting machine	83 624+
Hand lever	74 545+	Cremation Furnace	110 194	Mine elevator guide	187 406+
Mechanical movement including	74	Crematory Urns	27 1	Motor valve actuator	91 218+
Operated (see device operated)		Design	D99 5	Shoe heel nailing machine	227 135
Paddle		Creosote	568 716	Modulation (see intermodulation)	
Impeller	416 78	Crepe Paper	428 153+	Rail for metal planer	409 325
Marine	440 26+	Making	264 282	Tree ship spar	114 92
Water motor	416 78	Creping		Winding	242 476.7+
Pedals combined	74 594.1+	By mechanical manufacture	28 155+	Fishing reels	242 273+
Velocipede design	D12 123	Cellulose fibers	8 117	Spinning reels	242 241+
Wrist pin combined	74 595+	Differential	8 114.5		
Crankcase		Cresidine	564 443		

Class Subclass		Class Subclass		Class Subclass	
Cross Laid Textile	28 100+	Pie crust sheet metal mold	99 432	Sliding liquid phase epitaxy	117 61
Cross Talk		Pie dough	426 391	Tipping liquid phase epitaxy	117 59
Suppression in telephone system....	379 417+	Crustacean		Vapor phase epitaxy	117 89+
Telegraphy	178 69 R	Culturing	119 204+	Sugar	
Cross Walk Pavement	404 17+	Processing	452 1+	Apparatus	127 15+
Crossbar		Crutch		Processes	127 58+
Closure fastener	292 259 R+	Design	D03 8	Cubicle	52 329
Exercising device	482 16+	Stilts	432 258+	Cue	
Telephony selective switch	335 112	Cryogenic Trap	62 55.5	Billiard	473 44+
Crossbow		Liquified gas content receptacles	220 901*	Design	D21 726
Design	D22 107	Crypt (See Mausoleum)		Chalkers	473 35+
Mechanical projector	124 25	Cryptography		Racks	211 68
Crossing		Code receivers	178 89+	Rests	473 42+
Continuous rail signals	246 375+	Code transmitters	178 79+	Structure	473 44+
Protection railway	246 111+	Codes	341 67	Trimmers	30 494
Railway		For business processing	705 50	Cuff	
Cables	104 185+	Data distribution	705 51	Apparel design	D02 858
Conduit	104 141	Copy protection or prevention	705 57	Handcuff	70 16+
Drawbridge signal	246 118	Using a program or origin	705 58	Holder	24 41.1+
Extensible gates	49 124	identifier	705 58	Design	D11 222+
Gates on opposite approaches.....	49 93	Electronic negotiation	705 80	Making	223 2+
Train actuated gates	49 263+	Licensing	705 59	Ironing	223 52.1+
Road system	404 1	Requiring additional user input ...	705 55	Protector	2 60
Signals car displayed	246 208	for authorization	705 55	Shirt	2 123+
Signals highway automatic	246 293+	Input for authorization	705 55	Cuff Link	24 41.1+
Street road bed railway	238 8	Specific computer id	705 56	Design	D11 222+
Structure railway	246 454+	Secure transactions	705 64	Culinary	
Trolley	191 37	Able to use multiple cards	705 73	Processes and apparatus	99
Crossover		Anonymous user	705 74	Cultivator	
Electric insulator midline spacer	174 147	Multi-layered rights for use	705 54	Flame type	47 1.44
Portable railway track	238 12	Authorization to proceed	705 76	Crop thinning	47 1.43
Preventer for skis	280 817	Third party billing	705 53	Methods	47 58.1 R
Crotch	114 99	Charge determination at	705 77	Weed killer	126 271.1+
Crotonic Acid	562 598	remote site	705 77	Harrow	172
Crowbar		Communication between two	705 79	Metalworking making	29 14
Design	D08 88+	financial networks	705 79	Plow type	172
Freight car door operator	49 275	Home banking	705 70	Cultures	
Pushing and pulling element	254 133 R	With third party	705 78	Animal husbandry	
Tool combined with others	7 166+	Initializing	705 73	Aquariums	119 245+
Track tool	104 10	Key management	705 71	Aquatic	119 200+
Croweacin Acid	549 436	Radio communication	705 73	Crustacean	119 204+
Crown		Specialized keypad	705 73	Fish	119 215+
Boiler crown sheet	122 496	Specialized terminal	705 73	Insect	119 6.5+
Protecting	122 495	Transaction confirmation	705 75	Insect larvae	119 6.5+
Bridle loop	54 13	Verification of pin	705 72	Mollusk	119 234+
Dental crown making	29 896.1	With intelligent token	705 65	Silkworm	119 270
Gearing interchangeably locked	74 351	Balancing account	705 68	Worm	119 6.7
Gem setting	63 27	Detecting double spending	705 69	Bacterial culture	426 43
Light shade or bowl support	362 452	Initializing or reloading	705 66	Bee culture	449
Tooth	433 218+	With authentication	705 67	Incubators or racks	435 809*
Shaping instruments	433 156+	Fraud preventing	283 73	Plant husbandry	
Watch and clock crown making	29 896.34	Home banking	705 70	Algae culture	47 1.4
Crown Ethers	549 347+	Printed matter	283 17	Electroculture	47 1.3
Crowning Device		Signals	116 18+	Mushroom culture	47 1.1
Dental instrument	433 141+	Signals railway cab	246 175	Water culture	47 59 R+
Piano sounding board	84 196	Teaching	434 55+	Tissue cell culture	435 41
Croze and Crozing		Typewriting	400 89+	Virus culture apparatus	435 283.1+
Barrel	147 13+	Utility metering	705 63	Culvert	405 124
Closure	217 80	With postage meters	705 60	Static mold	249 11+
Staves	147 18+	Including printing or	705 62	Cup (See Dish; Receptacle)	215
Crt Recorder	347 121+	verification or mark	705 62	Cleaning attachments drip	15 248.1+
Electrical memories	365 118	Reloading or recharging	705 61	Corrugating wall	72 176
Crucible (See Vessel)		Crystal		Dispenser	D06 516
Electric furnace	373	Composition, inorganic luminescent	252 6+	Drinking	215
Arc furnace device	373 72	Composition, organic luminescent	252 301.16	Collapsible	220 8
Electroslag remelting device	373 45	Filter	333 187+	Design	D07 509+
Glass furnace device	373 30+	In sample holder	378 79	Dispensers	D06 516
Induction furnace device	373 138+	Liquid crystal composition	252 299.01+	Stand, rack, or tray for	D07 701+
Crucible	373 156+	Liquid optical filter	349 1+	Strainer detachable	210 464+
Crucible or hearth	373 163	Liquid stock material	428 1.1	Drinking fountain bubble	239 31+
Resistance furnace device	373 109+	Metal working, making	29 DIG. 17	Holders	312 43
Including crucible or hearth		Microphones	381 173	Drip (see drip cup)	
structure details	373 122	Pickups	369 144	Edge	
Furnaces	432 156+	Piezoelectric	310 311+	Making machine	493 109
Heating general application	432 262+	Scintillation	250 458.1	Trimming	83 178+
Laboratory	422 102	Single-crystal, oriented-crystal,		Egg	211 14
Metallurgical	266 275+	epitaxy		Design	D07 503
Thermit	266 167	Apparatus other than coating	117 200+	Footed	D07 524
Crucifix Design	D99 27	Coating apparatus	118	Holder	222
Crullers	426 556	Processes of growth	117	Ice cream	D01 116+
Crumb Brush	D04	Crystallization of Glass		Inkwell desk-attached	108 26.2
Crupper	54 22	Apparatus	422 245.1+	Lacteal	
Crusher		Coating, single-crystal	118	Extractors	604 74
Elements	241 291+	Devitrifying or vitrifying		Pads	604 346
Grinding wheel dressing	125 11.11	crystalline glass	65 33.1+	Measuring	73 426
Hollow metal body	100	Distilling processes with	203 48	Design	D10 46.2
Nut edible	99 568+	Glass	65 33.1+	Metal working, cup formed & bottom	
Road in situ	404 90+	Hydrocarbon recovered	585 812+	removed	29 DIG. 9
Surgical instruments	606 136+	Inorganic compounds process	23 295 R+	Oil cup closure	184 88.1+
Tobacco stem	131 324	Non-coating, single-crystal	117 200+	Pessary	128 839+
Vegetable masher	241 169.2	Single crystal formation	117 +	Sounding combined	33 713
Crust		Seed pulling	117 22	Thermometer combined	374 157

Class Subclass		Class Subclass		Class Subclass	
Sewing machine feed.....	112 18	Digital output	374 170+	Curtain Wall	52 235
Shaving	220	Pulsating in telegraph systems.....	178 66.1	Curved wall	52 245+
Sounding with sampling	33 717+	Railway block signals	246	Picture window	52 766+
Stamping from sheet	72 343+	Regulation for x rays	378 109	Curved Work Forming Means	
Suction		Regulation of alternating		Analysis, chart &	33 1 C
Bracket support	248 205.5+	current generators	322 27	Cable railway	104 189+
Light supports	362 397	Regulators	323	French	33 561.2+
Surgical vacuum	604 313+	Reversing in telegraphy	178 16	Ruler and scriber	
Umbrella drip	135 48	Shifting switch in arc lamps	314 2	Gauge	33 561.2+
Cupboard		Superposed telegraph system	178 49	Line	33 27.01+
Latch	D08 331+	Supply to electric furnaces	373	Compass	33 27.02+
Cupola		Arc furnace	373 102+	Conic section	33 27.08
Building	52 208	Glass furnace	373 39+	Rose engine	33 27.11
Design	D25 35+	Induction furnace	373 147+	Sine curve	33 27.1
Gas generators	48 62 R+	Supply to electric railways	191	Spiral	33 27.09
Metallurgical	266 197+	Transformers	336	Line combined	33 26
Discharging	266 195+	Current Fluid		Pantographic	33 23.01+
Forehearth	266 166	Brake operators	188 155	Surface	33 21.1+
X-art	266 900*	Centrifugal fluid		Track	238 15+
Ore treating	266 219	distributor operated by	239 214.13	Curved Work Forming Means	
Cuprammonium Acetate		Classifying separating and		Gear cutting	409 1+
Hydrocarbon purification by	585 846	assorting solids	209 132+	Glass molding	65 286+
Cuprammonium Cellulose		Cleaning implements operated by	15104.061+	Metal bending	72 380
Compositions	106 167.01	Conveyer for railway snow		Milling	409 64+
Fiber modification	8 123	excavator	37 202	Pattern curvilinear draw	164 215+
Cupreine		Conveyers	406	Planing	409 309+
In drug	514 305	Dredges operated	37 325+	Plate cutting	82 72+
Curb		Scouring	37 342+	Saw table gauges	83 471+
Design	D25 119	Evaporators blast or current	159 16.1	Stave jointing traveling saw	147 34
Feeler	D10 117	Evaporators film type	159 8+	Wood shaping guide	144 152+
Flower bed edging	D25 38+	Evaporators spray type	159 4.01	Cushion (See Mattress)	
Hydrants	137 272+	Fumigators	422 305+	Billiard table	473 32
Pin for watch balance regulating	368 176	Massage	601 154	Bowling alley	473 114
Street	404 7+	Measuring		Dash board mounted	280 727+
Catch basin with strainer	210 299+	Flow direction	73 170.11+	Design	D06 596
Electric conductor containing	174 39	Ships logs	73 181	Elevator well end	187 343+
Static mold for making	249 8	Motor	416	Land vehicle letdown top	296 125+
Curbing Chain Making		Dynamo with	290	Pillow	5 636+
Curd Breaker		Pump with	417 334	Pin cushion	D03 27
Curette		Rotary fluid distributor		Pump pressure compensator	417 540+
Curing		operated by	239 222.17	Rail seat	238 283+
Hay and fodder	426 636	Steam injection	159 16.3	Railway wheels	295 11+
Tobacco		Submerged combustion	159 16.2	Saddle	54 41.1
Electrical or radiant energy	131 299	Valve reciprocating disk rotating	137 330+	Spring device	267
Fluids or fluent material	131 300+	Currycomb		Reciprocating bed	267 75
Curier		Design	D30 159	Well rig walking beam	74 581+
Apparel ironers	223 52.2+	Currying		Cushioned Device	
Curling iron for hair	D28 38	Compositions	252 8.57	Axle box	105 224.1
Curling irons self heating by		Process	8 94.21+	Bedpans	4 456+
burner	126 408+	Cursor, Display Input Control		Boxes	217 5+
Electric heaters	219 222+	Curtain		Chair seat	297 452.16+
Hair	132 226+	Bedstead	5 163	Chair seat	297 452.48+
Design	D28 35+	Cabinet	312 3+	Connecting rods	74 583
Hat brim shaping apparatus	223 14	Camera shutter	396 479+	Container	493 904*
Metal edge curling rolls	72 102	Design, window	D06 575	For piston of expansible chamber	
Textile fiber working	19 66.1	Lace or net	87	device	92 85 R
Yarn twister	57 29	Design	D05 11+	Gun stock	42 74
Curling Stone		Loop threader for curtain rods	223 105	Design	D22 111
Currency		Material (see textile)		Heel	36 35 A+
For electronic commerce	705 26	Net or mesh fabric	D05 11+	Horseshoe	168 12+
Current Electric		Piano pianissimo device	84 220	Design	D30 147+
Alternating in telegraph systems	178 66.1+	Portable flexible panel type	160	Impacting device	173 210+
Alternating rotary field and		Projection lantern dimmer	362 278	Power hammer and presses	72 431+
armature dynamo	290 5	Pulls		Railway draft devices	213 7+
Belts	607 149	Knob and cord	16 442	Shell	102 473+
Collectors		Tassels	428 28	Shoe	
Dynamo	310 219+	Rail or runner	16 87 R+	Heel	36 35 A+
Moving vehicle	191	Railway sleeping car	105 324	Heel antislip	36 59 R+
Rotatable connector	439 13+	Releaser for train vestibule	105 23+	Heel ventilated	36 3 R+
Conductive fluids	174 9 F	Rigid tieback	D08 368	Insole	36 44
Control		Ring	16 108+	Insole design	D02 961
Arc discharge	315	Design	D08 367+	Pads	36 71
Electrolytic apparatus	204 193+	Rod	211 86.01+	Sole	36 28
Electrostatic discharge	422 186.28+	Bracket	248 261+	Sole	D02 947+
Railway signal systems	246	Design	D08 363+	Sole ventilated	36 3 B
Converting	363	Design	D08 380	Sole	36 28+
Current conversion	363 13+	Decorative element	52 301	Tires	152 151+
Direction indicators polarity		Design	D08 376+	Tool driving means	173 162.1
testers	324 133	Shade roller bracket combined	248 252+	Typewriter key cap and stem	400 491+
Distribution in vehicle		Single	211 105.1+	Wheel and axle	301 2
transmission	191 2+	Wall or window mounted	211 87.01	Window sash	49 428
Electric music instrument	84 600+	Rope for pulling	160 340+	Cuspidor	
Food preservation	426 244+	Sheet delivery	271 67	Cleaner	15 73
Generating stress strain test	73 763+	Shower bath	4 608+	Dental apparatus combined	433 97
Generating thermometers	374 179	Stretcher	38 102.1+	Design	D34 2
Measurement of electricity	D10 75+	Support or rack with	211 180	Stove attachment	126 32
Meters electric	324 76.11+	Theater curtain derrick hoist	254 266+	Structure	4 258+
Modifying thermometers plural zone		Valve head	137 625.28+	Cut Film Holders	
Averaging	374 110+	Vehicle		Magazine	396 360+
Distinct temperatures	374 166+	Design	D12 183	Cut Pile Fabric	
Operated telautograph	178 19.06	Storm front	296 83	Cutting	26 13
Operated thermometers	374 163+	Tops	296 138+	Finishing	26 2 R+

Class Subclass		Class Subclass		Class Subclass	
Woven	139	Brick	83	With segmenters	99 545
Cuticle		Broaching machine	409 243+	With segmenters hand tool	30 302
Cutlery	30	Buttonholes	30 118+	With two blades	30 174
Combined	132 73.5	Machines	83 905*	Fish cutters	54 63
Cutlery	30	Cable	30	Indiscriminate comminution	241
Blades	30 346+	Fishing line	43 43.12	Indiscriminate cutting	83
Cutting tools	30 165+	Ships anchor cable	114 221 R	Meat saws (see wood saws)	
Design, miscellaneous	D07 649+	Well cable	166 54.5+	Parers for fruit	99 588+
Handles & blade connections	30 340+	Well torpedo cable	89 1.14	Pastry making	425 289+
Holder for	D07 637	Candle	83	Pie segmenters	30 114
Holders for detachable blades	30 329+	Candy	83	Tub or block with	241 199+
Making	76 104.1+	Cigar tip	30 109+	Vegetable end	99 635+
Dies for	72 470+	Design	D27 195	Waffle irons with excess	
Sheathed	30 151+	Cleaner for inside of pipe	15 104.13+	trimmer	99 375
Silverware sorting	209 926*	Coating processes with	427 289+	Furbishing	409 63
Cutoff		Combined with other tools	7 158+	Gear cutting, milling, planing	409
Brake system flow retarder and	303 84.1	Computer controlled, monitored		Glass (see search notes)	83 879+
Expansible chamber motor		product manufacturing	700 159+	Machines with charging molding	
Admission	91 247+	Cutlery hand manipulated	30	Machines with shaping and	65 174+
Multiple expansion	91 152+	Eraser combined	15 105.53	Guide combined	30 286+
Fluent material	251	Hair planers	30 30+	Hair guide for cutting	132 213+
Automatic weigher combined	177 60+	Hair thinning shears	30 195	Hard material in situ	299
Fluid distribution valve		Knives	30 165+	Boring	175
actuation	251	Manicure	30 26+	Cutter	299 79.1+
Food depositing machine	425 447+	Nippers	30 175+	Disintegrating machine	299 29+
Food depositing machine	222	Razors	30 32+	Ice boring	175 18
Hopper cutoff to sifter	209 246	Saws	30 166.3+	Ice working tool	299 24
Lubrication gravity feed	184 66+	Scrapers	30 169+	Heated (see 4 note to class 30)	83 171
Milking machine vacuum line	119 14.08	Shears	30 194+	Heel and sole edge	12 85+
Nozzle with preset	239 67+	Dental Instruments	433 144+	I-beam cutter	83 DIG. 2
Receptacle filling	141 192+	Dermatome	606 132	Ice	
Sand feeder	291 31	Design hand held tools	D08 14+	Chippers	30 164.5
Slit resilient diaphragm		Abrading	D08 90+	Harvesting implements	299 24+
dispenser	222 490	Bayonet, dagger, hunting	D22 118	Heat cutting	62 320
Water distribution spout and	137 872+	Cleaning	D32 35+	Heat cutting electrically	30 140
Fluent material dispenser		Combined with key holder	D03 210	Implements	299 24+
Biasing closure	222 511+	Hair	D28 52+	Picks	30 164.5+
Contents pressure operated	222 491	Kitchen	D07 693+	Scraper hand held	30 136+
Flow controller	222 544+	Knife, fork, spoon	D07 642+	Scrapers for removing ice from	
Gravity actuated	222 500	Letter opener	D08 102+	sidewalks	37 266+
Motor operated	222 504	Pencil sharpener	D19 73+	Ship ice breaker	114 42
Preset cutoff	222 14	Razor	D28 45+	Snow plows with ice scrapers	294 54.5
Rate of flow responsive	222 59	Silverware	D07 642+	Inflatable tube	83 DIG. 3
Relatively movable actuator for	222 505	Dispenser with	222 80+	Insulation	81 90.1+
Sectional	222 502+	Article dispenser	221 30+	With remover	81 9.4+
Snap action	222 498+	Article impaler	221 213+	Leather manufactures	69
Fluid pressure regulator combined	137 456+	Gas or vapor dispensing	222 5	Making cutters	76
Fuel feed		Soap dispenser	241 602+	Edge by electric weld	
Automatic burner control	431 18+	Earth and stone		deposition	219 77
Boiler	122 447	Bush hammers and chisels	125 41	Manicure compound tool with	132 75.4+
Burner nozzle	239 569+	Core type posthole diggers	294 50.5+	Metalworking	407
Selectively preset	239 67+	Earth boring	175	Air current generated by	29 DIG. 82
Milking machine vacuum line	119 14.08	Earth boring bits	175 327+	Ambulatory, with fluent conduit	29 DIG. 64
Steam engines	91 247+	Earth core drills	175 403+	Auger lip cutting	76 3
Cutout (See Circuit, Maker & Breaker)		Earth excavating	37	Ax making	76 7+
Arc lamp circuit	314 10+	Stone remover	37 303	Boring head	408 234
Electric vehicle supply	191 8	Earth reamers	175 406+	Boring machines	408
Fluid heater	236 21 R	Earth scoops	37 411+	Broaches	407 13+
Lamp circuit	315 119+	Earth working	172	Cable sheath cutters	30 90.1+
Muffler		Grinding wheel dressing	125 11.11	Can openers	30 400
Acoustic	181 236	Millstone dressing machine	125 27+	Casting combined	29 527.6
Valve structure	137 625.44+	Millstone picks	125 42	Casting device with	164 262+
Sign letters	40 602	Mining machines	299 29+	Chain making machine with	59 16+
Switches	200	Precious stone working	125 30.01	Chasing screw thread	408 215+
Cutter & Cutting (See Abrading, Filing; Sawing; Trimming)	83	Rock drilling	175	Chemical heat employed to cut	148 194+
Abrading	451	Rockworking in situ in earth	299	Cold chisels	30 168
Agricultural		Shave type mining machine	299 34.01+	Contained supply reservoir	29 DIG. 65
Citrus fruit cutter hand tool	30 113.1+	Stone chisels	125 6+	Countersinks	408 223+
Colters	172	Stone dressing	125 2+	Cutter making processes	76 116+
Corncob splitting	225 93	Stone planing	125 9	Cutters for machine mounting	407
Cornstalk	56 53+	Stone sawing	125 12+	Die shaping sheet metal and	72 324+
Cutter type harvester	56 229+	In place in earth	299	Drilling machines	408
Design	D08 1+	Stone turning	125 10+	Drills	408 199
Fruit gatherers	56 328.1+	Stoneworking	125	Drive	29 DIG. 55
Green corn	460 45	Street surface removal	299 36.1+	Engaging cleaner	29 DIG. 97
Harrow disk	172 518+	Tunneling machines	299 29+	Expanded metal making	29 6.1
Harvester	56	Well drilling	175	Fan coaxial with	29 DIG. 83
Planting machines with seed		Edge	83 425.2	Feed	29 DIG. 57
cutters	111	Eraser combined	15 105.53	Fence barb cutting	29 7.1
Plow moldboard furrow slice	172 758+	Eraser mutilating	30 169+	File cutting	76 12+
Potato cutters for planting	83	Burnisher combined	7 124	File resharpening sand blast	451 79
Potato diggers	171 26+	Feeding and cutting	83 401+	Files and filing	29 76.1+
Pruning saws	30 166.3+	Food		Flame cutting	148 194+
Scythes	30 309	Butter	83	Flame cutting apparatus	266 48+
Sickles	30 309	Cheese	83	Fluid channel in	29 DIG. 92
Sod cutters	172 19+	Citrus fruit	30 113.3	Fluid spreader contacts	29 DIG. 69
Stalk choppers	56 500+	Cleavers	30 308	Forging machine with cutting	
Tree hacks for debarking	30 121	Cooking molds with trimmer		machine	29 34 R
Vine cutters	56 229+	or divider	99 430	Forging machines with	
Block and board	269 289 R	Corer	99 547+	incidental cutting	72 324+
Board, household	D07 698	Annular cutter hand tool	30 178+	Gear cutting machines	409 1+
		Citrus fruit hand tool	30 113.1+	Hand manipulated tools for	30 165+

Class Subclass		Class Subclass		Class Subclass	
Hood encased	29 DIG. 86	Tobacco leaf disintegrating	131 311+	Cyanine Dyes	
Horseshoe making machine with ..	59 37+	Tobacco plug	131 117+	Cyanoethylation of fibers	8 DIG. 13
Immersion complete	29 DIG. 71	Tobacco stem	131 317+	Photographic compositions	
Immersion partial	29 DIG. 74	Shoemaking	12	containing	430 581+
Lathes	82 117+	Soap	83	Cyano Group, Formation of	558 308+
Milling machines	409 64+	Solid material comminution or		Cyanoacetic Acid	558 443
Nail making machines with	470 157+	disintegration	241	Cyanogen	
Needle making machine with	163 1+	Sound waves	83 14	Ammonia from compounds	423 352
Pin making machine with	163 6	Sound waves	83 701	Biocides containing	424 607+
Pipe and rod cutters	30 92+	Stone working	125	Electrolytic synthesis	
Planing machines	409 288+	Street surface removal		Aqueous bath	205 551
Printers leads	83	Ice	299 24	Fused bath	205 360
Punching	83	Surgical	606 132+	Hydrocyanic acid	423 364
Reamers	408 227	Design	D24 146+	Salts	423 364+
Rifling	409 306	Electrical	606 39+	Cyanoguanidines	564 104
Rolling and cutting machines	72 203+	Test		Cyanohydrins	558 451
Rotating	29 DIG. 67	Cutting edge testing	73 104+	Cyanuric Acid	544 192
Saw tooth cutting	76 28+	Shear stress, eg Izod, charpy	73 844	Cycle (See Velocipede)	
Sawing	83	Textile and strand	83 913*	Bicycle type	280 200+
Scrap cutting	83 923*	Beria type cutter	83 403	Design	D12 111
Screw cutting lathe	82 110+	Bobbin and cop winding with	242 487.1+	Design	D12 107+
Screw threading dies	408 215+	Buttonhole cutter	30 118+	Electric bicycle signal	340 432
Screw threading machines	408 72 R+	On sewing machine	112 68	Electric light	362 509+
Screw threading taps	408 215+	Cloth finishing	26 7+	Locks	70 233
Screw threading with cut off	408 28+	Convolute with	242 522+	Mud guards	280 152.1+
Shapers	409 288+	Cordage winding with	242 487.1+	Parallel connected	280 209
Sharpeners abrading	451 419+	Knitting strand controlled stop	66 159	Polycycles	280 282
Sharpeners for cutting tools	76 82+	Measurer for fabric with	33 732+	Rack or holder	D12 115
Sharpeners for saw teeth	76 30+	Severing cutter for sewing		Saddles	297 195.1+
Sheet and bar cutting	83	machine	112 130	Sidecar	D12 116
Sheet metal shaping die with	72 324+	Sewing machine shuttle with	242 487.1+	Single axis or wheel	280 205+
Shredding	29 4.51+	Shears	30 194+	Stirling	62 6
Staple making machine with	59 71+	Spool or twine holders with	83 649+	Theft preventing alarms	116 33
Stereotype concave surface		Textile knitting	66 125 R+	Tricycle type	280 200+
finishing	409 309	Textile spinning strand		Convertible	280 7.15+
Tap or die	408 215+	control stop	57 86+	Design	D12 112+
Tire upsetting machine with		Textile weaving fabric	139 291 C	Simulations	280 828+
cutter	29 22	Textile weaving pile	139 43	Vehicle energy actuated signal	116 56+
Tube and sheath splitters	30 90.1+	Textile weaving thread control	139 260+	Cyclic Hydrocarbon (See Alicyclic	
Tube cutters for well tubing	166 55	Textile weaving weft	139 302	Hydrocarbon; Aromatic Hydrocarbon)	
Turning to taper	82 15+	Thread cutter for sewing		Cyclic Peptides	530 317+
Turning with profiled cutter	82 13	machine	112 285+	Cyclic Polymerization, Hydrocarbon	
Turning with radial cutters in		Trimmer for sewing machine	112 129	Synthesis	585 415+
hollow head	82 130	Tufting sewing machine	112 80.01+	Aromatic hydrocarbon synthesis	585 415+
Type casting mechanism with	199 54+	Well torpedo cable	89 1.14	Cyclic Thiocarbonates	549 30+
Valve refitting portable tool	409 64+	Threshing	460	Dithiocarbonates, monothiocarbonate	549 30
Wire	83	Tobacco and tobacco products	131	Trithiocarbonates	549 36
Wire cutting with tag machine	493 343+	Cigar end cutters	83	Cyclization	
Wire fabric making with slat	140 26	Cigar or tobacco receptacle with	206 238+	Mineral oil	208 46+
Wire straightening and	140 139+	Cigar tip cutters hand	30 109	3,5-Cycloandrostanes	552 500+
Wire stretching implements with	140 123.6	Tools with additional tools	7 158+	Cyclobutyl Carboxylic Acid Esters	560 123
Wrench attached cutter	81 181+	Monkey wrench	7 139+	3,5-Cyclocholesterols	552 500+
Oiler	83 169	Plier type	7 129+	3,5-Cyclogonanes	552 500+
Paper	D15 127	Plier type	7 132+	Cyclohexamide	
Pencil sharpener		Torch	266 48+	In drug	514 328
(see pencil sharpener)	30 451+	Feed dispersing	239 398+	Cyclohexanol	568 835
Machine	144 28.1+	Tracheotome	606 185	Cyclohexanone	568 376
Pipe hand tools	30 92+	Trepan	606 176+	Cyclohexylamine	564 462
Plastic block apparatus	425 289+	Trepanning	408 703*	Cyclometers	235 95 R+
Plastic material implements	30 115	Turning	82	Cyclone Separator	406 173
Punching	234	Vehicle body	296 2	Gas separation	55 337
Receptacle openers		Woodworking	144 36+	Liquid separation	210 512.2
Implement	30 2+	Coopering	147	Cycloolefines	585 23
Metallic receptacle with	220 260	Draw knives	30 313	Synthesis	585 350+
Refrigeration related	62 294	Knives	30 165+	By dehydrogenation	585 379+
Rotary (see notes to)	30 347	Pencil sharpener	30 451+	Cycloparaffins	585 20+
Rotating axially moving tool	408	Reciprocable along		Synthesis	585 350+
Safety devices	83 DIG. 1	elongated edge	83 746+	Cyclopentadiene Synthesis	585 350+
Selective	234	Sawing	83	By alkylation	585 446
Pattern controlled	234 59	Spokeshaves	30 281	Cyclopentanohydrophenanthrene	
Severing by tearing or breaking	225	Turning	142	Compounds	
Sewing machines combined	112 128	Work attached device	83 743+	Heterocyclic	540 2+
Thread	112 285+	Cyanamides	423 368	Cyclopentyl Carboxylic Acid Esters	560 121+
Shaping devices	407	Catalysts containing	502 200	Cyclopropane	585 350+
Sheet and bar	83	Electrolytic synthesis		Cyclopropyl Carboxylic Acid Esters	560 124
Cigar receptacle with	206 238+	Aqueous bath	205 551	Cycloserine	548 244
Cigar wrapper cutter	131 33+	Fused bath	205 360	3,5-Cyclosteroids	552 500+
Cigarette mouthpiece making	131 91	Fertilizers containing	71 55+	Cyclotrons	
Cloth finishing	26 7+	Organic radical containing	564 103	Energying systems	315 502
Dispensing package with	206 216	Cyanates	423 364+	Nuclear fusion reactions use in	376 100
Fabric reels with	83	Esters	560 301	Structure	313 62
Label machine strip severing	156 510+	Cyanide		Systems including	315 502
Measurer fabric and cord with	83 522.11+	Catalysts containing	502 200	Tubes	313 62
Paper aperture making punch for		Electrolytic synthesis		Cyclovitamin D	552 653
sheet retainer	402 1	Aqueous bath	205 479	3,5-Cyclovitamin D	552 653
Paper bag making with	493 227+	Fused bath	205 360	Cylinder	
Paper box making with	493 56+	Leaching ores with	75 711+	Airplane with sustaining rotor	244 10
Printing machine with	101 224+	Electrolysis combined	205 477+	Bracket support	248 230.1+
Sheet material associating and		Organic	558 303+	Caster	16 22+
folding with	270 21.1	Preserving, disinfecting,		Compressor	
Sheet material folding with	493 340	sterilizing with	422 35	Movable cylinder with	
Stenciling machine	101 117	Salts inorganic	423 364	reciprocating piston	417 460+

Class Subclass		Class Subclass		Class Subclass	
Multiple cylinder	417 521+	Acetylene generator	48	reciprocating piston	417 460+
Rotary cylinder	417 462	Baffle	210 512.1	Rotor sustaining airplane	244 21
Door closing and liquid checking	16 57	Brushing	15 3+	Sheet handling	
Earthworking	172 554	Comminuting	241 293+	Associating	270 60
Escapement	368 129	Corn sheller	460 45	Folding and associating	270 32+
Expansible chamber device	92 169.1+	Drying and cooling with rotary cylinder	34 63	Folding, associating & printing	270 1.01+
Concentric cylinders	92 51+	Fiber carding	19 112	Solid separation devices	209
Lubricating means	92 153+	Fiber combing	19 126+	Steam locomotive	105 42
Movable cylinder	91 196+	Filter element	210 497.01	Syringe	604 218+
Moving cylinder multiple	92 117 R+	Huller	99 600+	Telescoping	92 51+
Gauges	33 542+	Leather treatment	69 37	Toothed cylinder manufacture	
Glass cylinder making	65	Movable filter	210 402+	Apparatus	29 23.1
Glass handling	414 24	Paper stuff straining	210 402+	Method	29 895.31
Grinding ie internal grinding	451 51+	Photographic printing	355 104+	Vehicle support resilient	152
Handles, hollow cylinder	414 910*	Potato digger with screen	171 111+	Wood and metal treating	
Heat exchange means	165 181	Reactor compartment	210 207+	Barrel stove cutter	147 35
Holding member	292 261	Scouring	451 109+	Corrugating	72
Internal combustion engine seal		Textile treatment with fluid	68 5 R+	Method	72 370.19+
Construction	123 193.1	Threshing	460 59	Cutter	144 221+
Cooling	123 41.72+	Web forming	162 323+	Planer with rotary cutter	144 116+
Multiple	123 52.1+	Weighted land roller	404 111+	Slicer with rotary cutter	144 172+
Oscillating	123 42	Winding by orbital guide	242 439+	Cylindrical	
Reciprocating	123 50 R	Winding by rotating cylinder	242 443	Photographic printing apparatus	
Rotary	123 43 R+	Meter having expansible chamber	73 232+	Cymbal Beater	84 422.1
Joint for rotating cylinder	285 121.3+	Music boxes automatic playing	84 95.1+	Cymel T M (Aminoplast)	528 254
Lagging	165 135+	Comb actuator	84 95.1+	Cymene (See Aromatic Hydrocarbon)	585 350+
Lock	70 357+	Organ pin cylinder	84 86	Cyproheptadine, in Drug	514 325
Housing	70 449	Separable from keyboard	84 106	Cysteine Ester, in Drug	514 550
Key	70 406	Panel hanger	16 89	Cystine	562 557
Lubricator	184 18+	Percussive tool rammer	173 125	Preparation from protein	562 516
Machine gun	89 13.05+	Pistol or rifle revolving cylinder	42 59+	Cystoscope	600 135
Material treating		Pump (see pump fluid)		Cytidine	536 28.5
Abrading floors	451 350+	Multiple cylinder	417 521+	Cytidine 5'-Phosphate	536 26.8
Abrading with rotary flexible tool	451 490+	Rotary cylinder	417 462	Cytosine	544 317
Abrading with rotary rigid tool	451 541+	Rotary cylinder with		Czochralski Type Crystallization	117 13+