

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	431 295	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*	Jacketed 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+	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	356 52+	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	89				
Toy.....	42 55				
Cannula	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
combined	280 202+	Cutter	83 946*	Special	206
Package and article	224	Filling and sealing	53	Musical instrument	206 314+
Pattern controlled or programmed	112 470.06+	Flap deflector or closer	414 906*	Pocket and personal use	206 37+
Person	224 158+	Forming machines	493 52	Spectacle	206 5+
Hand held	294 140+	Openers	53 381.1+	Type	276 44+
Photographic fluid treatment	396 564+	Dispensing carton	222 80+	Umbrella	135 34.2
Pivoted		Openers, cutlery	30 2	Hollow handle	135 25.41
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
Wet 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	
Caulstic		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+	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 generating.....	123 3	Chatelaine		Interactive.....	252 182.11+
Charge Transfer Device		Bag case or frame carrier.....	224 268	Non-interactive.....	252 182.11+
Delay line.....	327 261+	Safety hooks.....	24 4	Vulcanizing.....	252 182.11+
Logic circuit.....	326 61	Check		Chemical manufacture, misc.....	156
Memory.....	365 183	Automated functions.....	705 33	Chemical oxygen demand tests, cod.....	436 62
Shift register.....	377 57	Bank.....	283 58	Chemical symbol character.....	400 900*
Structure.....	257 214+	Design.....	D19 11	Classifying, separating, & assorting solids.....	209
Wave transmission lines.....	333 165	Cash registers		Cleaning & liquid contact with solids.....	134 1+
Charger and Charging		Check employing or controlled.....	235 17+	Apparatus.....	134 42+
Arc furnace device.....	373 60	Printing checks.....	235 3	Coating apparatus.....	118
Arc between spaced electrodes.....	373 62+	Money orders.....	705 18	Coating processes.....	427
Charging or discharging.....	373 79+	Security.....	705 18	Printing.....	101
Battery.....	320	Coin type.....	40 27.5	Cooling by chemical reaction.....	62 4
Design.....	D13 107+	Controlled apparatus.....	194	Distillation	
Bin or tank.....	414 288+	Cash registers.....	235 3	Apparatus.....	202
Electric furnace.....	373	Cereal puffer.....	99 323.8	Separatory processes.....	203
Glass furnace device.....	373 33+	Dispensers.....	222 2	Thermolytic processes.....	201
Induction furnace device.....	373 142+	Lock releasing slots.....	194 247+	Dyestuffs.....	8
Resistance furnace device.....	373 115	Motion picture machine.....	352 104	Electrical current producing apparatus, product & process.....	429
Electrophotographic copier development.....	399 222+	Self photograph.....	396 2+	Electrical radiant or wave energy.....	204
Filters, liquid.....	210 456	Telephone systems.....	379 143+	Fermentation.....	435
Precoat adding means.....	210 193	Voting machines.....	235 53	Fertilizers.....	71
For capacitor.....	320 166+	Weighers.....	177 125	Foodstuffs.....	99
For capacitor.....	307 109+	Workmens time recorder.....	346	Inorganic.....	423
For nuclear dosimeter.....	320 166	Door.....	16 82+	Measuring instrument.....	D10 81
For nuclear reactor.....	376 264	Closer combined.....	16 49+	Metallurgical.....	75
For pocket chamber nuclear.....	320 166	Design.....	D08 330+	Reactions.....	376
Furnace type.....	414 147+	Gun breach gas.....	89 26	Modification of synthetic resins or natural rubbers.....	525
Heating.....	110 101 R+	Gun recoil.....	89 42.01+	Modification of textiles & fibers.....	8 115.51+
Metallurgical.....	266 176+	Harness underchecks.....	54 57	Fluid treating apparatus.....	68
Gas generators.....	48 86 R	Labels tags and.....	283 81	Manipulative fluid treatment.....	8 147+
Lamp bulb		Labels, tags, design.....	D20 22+	Photographic chemistry, processes & products.....	430
Gas.....	141 66	Protectors		Physical processes.....	23 293 R+
Gas combined.....	445	Embossing.....	101 24	Refrigeration.....	62 4
Latent image formation.....	399 130+	Fraud preventing coating.....	427 7	Sterilizers, refrigeration combined.....	62 78
Liquid purification.....	210 519+	Writer machines.....	D18 5	Synthetic resins (see synthetic resin or natural rubber).....	520 1+
Means to add treating material.....	210 198.1+	Check-Out Counter	186 59+	Teaching.....	434 298
Tangential.....	210 512.1	Checkbook Cover Design	D19 26+	Chemotherapy Drugs	
Magazine.....	42 87+	Checker Brick	165 9.1+	5-flourouracil.....	544 313
Metal under pressure.....	164 303	Checkers	D21 390	Chendoxycholic Acid	552 551
Molding apparatus for nonmetals.....	425 542+	Game board design.....	D21 348	Chenille	223 45
Block.....	425 258+	Checkhooks	54 61+	Misc manufacture.....	28 144
Glass.....	65	Checking and Unchecking Device	54 70	Spinning twisting twining	
Nuclear reactor.....	414 146	Underchecks.....	54 57	Apparatus.....	57 24
Pneumatic motor railway.....	104 157+	Checking Watermarks	356 432+	Strand structure.....	57 203
Receptacles.....	141	Checkout Counter	D06 396+	Tufting sewing machine.....	112 80.01+
Portable.....	141	Checkreins	54 16+	Woven pile fabrics.....	139 393+
Refrigeration apparatus.....	62 292	Check Plate Railway Draft	213 54+	Strands.....	139 395
Process.....	62 77	Cheese		Cherry Seeder	30 113.1+
Ship.....	414 137.1	Compositions and processes.....	426 582+	Chess Pieces	D21 388+
Still.....	202 262+	Cutter.....	83	Chest (See Box)	
Closure combined.....	202 251	Cutter and expresser.....	425 308	Cedar.....	206 278.1
Processes.....	201 40	Design.....	D01	Medicine.....	206 828*
Transfer of image (latent).....	399 154	Making apparatus.....	99 452+	Protector.....	2 92
Transfer of image (toned).....	399 297+	Packaging.....	426 392+	Tool.....	206 349+
Charlotte Russe	426 658+	Preservation.....	426 330.2	Wind.....	84 54
Charm	63 23	Presses.....	100	Woodworking tool and workbench combined.....	144 285
Jewelry.....	D11 79+	Textile		Chest of Drawers	D06 432
Charpy Test	73 844	Fluid treatment.....	8 155.2	Cheviot	26 19+
Charring (See Carbonizing)		Packages.....	242 159+	Chevron	2 246
Chart		Treating apparatus.....	99 452+	Badge.....	40 1.5+
Apparel layout.....	33 12+	Cheesecloth	139 426 R	Chewing Gum	426 3+
Astrological.....	434 106+	Chelate		Package.....	206 800*
Astronomical.....	434 284	Aluminum containing.....	556 175	Tobacco combined.....	131 347+
Color display.....	434 98+	Chelation ion exchange.....	423 DIG. 14	Chicken (See Fowl)	
Educational.....	434 430	Cleaning or detergent compositions containing.....	510	Chiffon, Foamable Edible Material	426 571
Holder for map or chart.....	40 904*	Drug compositions.....	424 DIG. 6	Chiffoniers, Trunks	190 19
Light ray type.....	33 268	Food or edible material.....	426 271		
Menstruation.....	40 109	Heavy metals containing.....	556 1+		
Music.....	84 471 R+	Printing dye with metal chelating group.....	8 452		
Recorder.....	D10 46	Tobacco smoke separator or treator.....	131 334		
Chase		Chelidamic Acid	546 299		
Gem setting.....	63 26+	Chemical Modification,protein	530 402		
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 &		Light string	D26 25
Metal founding	164 371+	potassium chloride	422 902*	Ornaments	428 7+
Chilling iron processes	164 127	Halocarbons	570 101+	Design	D11 117+
Consumable	164 357	Hazardous or toxic waste		Series lamp system	315 185 R+
Patterns chill supporting	164 230	destruction	588 400+	Chromanes	549 398+
Sand mold or core having	164 352+	Hydrochloric acid	423 481+	Chromate Processes	
Static mold having	249 111	Organic acid halides	562 800+	Metal coating	148 264+
Chime		Oxidizing compositions	252 186.1	Photographic	430 289.1
Bells	84 406+	Salts inorganic	423 462+	Chromatography	73 19.02+
Clocks	368 273	Sulfur	423 462	Gas separation	96 101+
Clocks	968 217+	Chlorination		Gas content of liquid or solid	73 19.02+
Electric	340 392.1+	Hydrocarbon	570 101+	Process	95 82+
Musical	84 402+	Water purification	210 198.1+	Testing	73 23.35+
Design	D17 22	Processes	210 754+	Hydrocarbon purification by	585 825
Electric tone type	84 600+	Chlorine	423 500	Liquid	210 656+
Signal	116 141	Biocides containing	424 661	Gel or liquid-liquid	210 635
Chimney		Bleaching with	8 101+	Testing	73 61.52+
Building flue heaters	454 43	Electrolytic bleaching of		Physical recovery methods	435 803*
Cap, masonry	52 244	organic fibers	205 690	Testing of gas content	73 19.01
Cap, ventilating	454 4+	Electrolytic synthesis	205 618+	Chromium	
Cleaning	134 1+	Feeder	137 87.01+	Alloys (non-ferrous)	420 428
Brush or broom	15 249.1+	Chlorine Di-,Monoxide Oxidizing		Alum	423 544+
Scraper	15104.068+	Composition	252 187.21	Chromates	423 595+
Lamp chimney lantern	362 180	Chlorocarbonic Acid Esters	558 280+	Electrolytic synthesis	205 484+
Chimney element	362 312+	Chloroform	570 181	Ferro	420 34+
Chimney element design	D26 118	Preparation from acyclic halides	570 101+	Organic compounds	556 57+
Masonry smoke flue	52 245+	Chlorophenols	568 774+	Oxid pigments	106 453+
Static mold for making	249 17	Chlorophyll	540 145	Oxides and hydroxides	423 607
Ventilation	454 1+	Chloroprene	570 189	Electrolytic synthesis	205 538
Design	D23 374	Preparation	570 216	Plating	
Chin		Solid polymers (see synthetic resin		Electrolytic	205 283+
Rest		or natural rubber)		Electrolytic plural layers	205 178+
Firearm stocks	42 71.01+	Chlorpheniramine, in Drug	514 357	Metal stock	428 666
Violin	84 279	Chock		Pyrometallurgy	75 623
Violin combined with support	84 278	Boat supports	114 381	Electrolytic	205 572
Strap		Design	D12 217	Chromosomes	
Hats	132 58	Railway car stops	104 257+	Color picture viewer	359 629+
Surgical	602 902*	Brake type	188 36+	Colorimeter	356 402+
Support		Ship spar	114 101	Chromosome Multiplication,	
Corpse	27 25.1	Vehicle fender combined	293 7	Cross-Breeding	47 DIG. 1
Surgical	602 902*	Wheel on ground	188 32	Chronograph	
China Oil	554 1+	Chocolate	426 631+	Electrical or electronic	368 114
Compositions	106 244+	Confectionery containing	426 631+	With speed determination	324 178+
Synthetic resin or natural		Molding	425	Recorder	346
rubber ctg (see synthetic		Refiner	241	Watches	368 101
resin or natural rubber)		Choke		Watches	968 835+
Chinaware	D07 500+	Coil	336	Chronometer	
Display stand	D06 512+	Firearm barrel	42 79	Structure	368 62+
Vase	D11 143	Input filter	333 181	Testing	73 1.42+
Chintz	139 426 R	Plug	184 52	Chronoscope	
Chip		Tube		Electric	368 107
Breaker	144 243+	Having plurality of leaves	261 DIG. 58	Chrysanthemic Acid, in Drug	514 572
Cutting tool with	407 2+	Interchangeable	261 DIG. 57	Annular for wood turning	142 52
Cutting	83 906*	Leaves flexible	261 DIG. 59	Counterpoised	142 51
Making		Longitudinally reciprocating		Electromagnetic holders	335 289+
Comminuting type	241 83+	along air passage	261 DIG. 61	Hollow mandrel guide	142 54
Slicer type	144 162.1+	Having movable parts	261 DIG. 62	Key	81 16
Poker	40 27.5	Suction operated	261 DIG. 64	Nailing machine	227 149
Design	D21 390	Throttle-operated	261 DIG. 63	Chrysanthemum	PLT 284+
Chiropody		Cholanic Acid	552 548	Chuck (See Socket)	279
Bandages	602 67	Cholecalciferol	552 653	Church Bell	116 148+
Kinesitherapy	601 1	Cholecalciferol, in Drug	514 167	Electrically simulated	340 398.1+
Pedicuring instrument	132 73+	Cholesterol Compounds	552 544+	Churn	366
Shields	128 882	Cholesterol, lipids, triglycerides	436 71	Agitator type	366
Chisel		Cholic Acid	552 549	Butterworker combined	99 452+
Cold	30 168	Choline	564 293	Design	D07 371
Design	D08 47	Choline Acetate	560 253	Chute (See Conveyor)	193
Dovetail	144 88	Chopper		Amusement railway	104 69
Mortising	144 67+	Cornstalk type	56 60+	Assorting	
Sawtooth cutting machine	76 28	Cotton chopper plow	172	Gaseous suspension	209 149
Stoneworking	125 41	Chopper heads	172 518+	Gauging apertures	209 682
Tenoning	144 202	Dc to ac	363 124+	Household sifting bin	209 375
Wood turning	142 42+	Food	241	Liquid suspension reciprocating	209 196
Pattern guide combined	142 21	Block or board	269 289 R+	Liquid suspension stationary	209 202
Woodworking implement	30 167+	Meat tenderizer	452 147	Manual	209 702+
Chitin	536 20	Stalk	56 500+	Rolling incline	209 69
Chloracetic Acid	562 602	Chopping		Billiard rack, pocket and	473 22+
Chloral	568 495+	Blocks and boards	269 289 R+	Cabinet	
Hydrate	568 844	Chord		Showcase type	312 124
Chloramine	423 383	Played by single key of keyboard	84 443+	Stock and sample	312 121
Chloramphenicol	564 213	Selector for zithers	84 286+	Can making machine body feeding	413 70+
Chloranil	552 308	Christmas Tree		Card magazine	312 60
Chlorate	423 475	Candle holders	431 296	Conveyer having gravity section	198 523+
Electrolytic synthesis	205 502+	Container or wrapper for	493 956*	Deposit and collection receptacle	232 44+
Per compounds	205 474+	Decorative lights	362 249+	Dumping vehicle	298 7
Oxidizing compositions	252 186.1+	Design	D11 118+	Fire escape	182 48+
Chlorazene Chloramine T	562 837	Design	D11 118	Fruit gatherer	56 328.1+
Chlorhydrins	568 841+	Holder	248 511+	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	52 204.5+
Clinometer	33 365+	Liquid applying	241 20	Bung hole	217 98+
Clip		Closed-Die Metal Shaping	72 343+	Cabinet	
Applier	29 243.5+	Forging	72 352+	Foldaway device support combined	312 22+
Surgical	29 243.56	Closer (See Circuit; Closure; Fly; Operator)		Inner and outer	312 291
Bottle attachment	215 386+	Door	16 71+	Sectional unit	312 109+
Design		Check combined	16 49+	Check	16 82+
Apparel	D11 200+	Design	D08 330	Door closer combined	16 49+
Hair	D28 39+	Fly closer lasting tool	12 113	Photographic plate holder	396 522+
Jewelry	D11 40+	Paper		Closet bowl	4 253
Paper, pen, pencil	D19 56	Bag closing	493 186	Obstruction remover combined	4 255.01+
Inserters	606 139+	Box closing	493 52	Coffin	27 14+
Leaf spring	267 53	Slot		Cooking ovens	126 190+
Making and joining		Cable railway	104 194	Disc manufacture of	493 379+
Fabric wire	29 243.56	Lever	74 566	Dispensing	222 544+
Spring head	29 896.8	Pneumatic tube	104 161	Distilling apparatus	202 242+
Wire	140 82+	Closet		Fastener	292
Nose animal	119 824+	Sanitary	4 300+	Barrel	217 89
Paper	24 455+	Basin combined	4 664+	Bottle and jar	215 273+
Paper fastener	D19 65	Bed combined	5 604	Breakable neck bottle and jar	215 54+
Pedal crank combined with shoe type	74 594.6	Bowls	4 420+	Burglar alarm combined	116 12+
Pen and pencil	24 10 R+	Cleaning devices	4 255.01+	Cork retaining wire	140 85
Design	D19 56	Closure	4 253	Envelope	229 77+
Project-retract means associated	401 104+	Covers for seats	4 244.1+	House letter box	232 23
Rafters and	33 DIG. 16	Design	D23 295+	Keepers for	292 340+
Rail fastenings	238 378	Disinfection	4 222+	Lantern reflector combined	362 374
Structural unit fasteners	403	Drip catcher	4 251.1+	Letter sheet	229 92.5+
Surgical	606 151+	Dry closet and furnace combined	4 111.1+	Marine hatch	114 203
Wire fabric	245 3	Dry type	4 449+	Metallic receptacles	220 315
Clippers		Dry type with drier or burner	4 111.1+	Paperboard box	229 125.19+
Clip applying	29 243.5+	Flushing tanks	4 353+	Pivoted type closure bottle and jar	215 237+
Cloth finishing cutters	26 7+	Head foot and body rests	4 254	Railway track joint	238 312
Fur hair removing	69 25	Obstruction remover	4 255.01+	Safes	109 59 R+
Hair	D28 52+	Seats	4 237+	Sectional metallic receptacle	220 7
Hand manipulated cutters	30	Static mold	249 58	Fences	256
Harvesters	56	Support, coupling, seal or fastener	4 252.1+	Flexible and portable	160
Hat making	223 19	Tub and basin combined	4 663	Flexible bag closure, misc	383 42+
Nails	D28 60+	Ventilation	4 209 R+	Flexible, eg sliding desk top type	206 816*
With hair catching	30 124+	Warming	126 18	Floating roof type	220 216+
Cloak	2	Stove base combined	126 55	Foot pedal actuated	220 262
Clock	368 62+	Stove pipe heated	126 17	Friction held	220 796+
Picture frame combined	40 728	Closing		Gas retorts	48 124
Processes for making	29 896.3	Ammunition loading and shell closing	86 25+	Grate	
Clocks	968 *	Apparel pocket attachment	2 252	Fireplace summer front	126 540
Atomic	331 3	Bottom opening hopper door equalizer	298 37	Stove draft control	126 160
Atomic frequency control for	331 3	Conductor conduit	191 25	Hinged receptacle	220 810+
Cases	224 164+	Third rail	191 31	Horizontal building entry	52 19+
Clock movement casing	206 18	Inkstand (see inkwell)		House paint can	220 797+
Design	D10 1+	Pen, actuated for opening	15 257.075	Humidifier	312 31.1
Cordless electric	310 191	Metal tube ends		Ice bunker	454 89
Crystal mounting	29 807	Welding apparatus	228 60	Lock	70 77+
Design	D10 1+	Paper box or tube		Magnetic	220 230
Digital exhibitor	D10 15	Folding setting up end closing	493 183+	Mail box	232 45+
Electric motor for	310 162+	Receptacle filling and closing	53 266.1+	Mailing sheet	229 92.5+
Floor standing model	D10 16	Cooking and filling with cooked food	99 356	Manhole	404 25+
Illumination combined	362 23+	Multifolded closure	53 376.3+	Mesh sifter element	209 391
Keys	81 122+	Closure (See Also Article Having Closure Eg Window)	160	Motor vehicle	49
Power substitution for electric	307 64	Adaptable for various sizes	220 287	Having vehicle system	
Processes for making	29 896.3+	Apparel		responsive to its position	180 286
Radio	455 344	Buttons and fasteners	24 90.1+	Related to theft prevention	180 289
Radio encased	455 231	Coat	2 96	Responsive to vehicle movement	180 282+
Radio or phonograph combined	D14 170+	Collar	2 141.1+	With vehicle feature	296 146.1+
Radio station selector	334	Flies	2 234	Movable or removable	49
Spring assembly	29 228	Lacing devices	24 712+	Oil cup lubricators	184 90+
Staking	29 231+	Pocket	2 252	Operator (see closer)	49 324+
Supports	248 114+	Separable fasteners	24 572.1+	Alarm	116 100
Testing	73 1.42+	Shirt	2 128	Burglar alarm	116 85+
Time clock	D10 41	Shoe	36 50.1+	Cabinet	312 319.1+
Transistor operated	318 127	Skirt placket	2 218	Car dumping tilting track	414 354+
Winding key	D08 347+	Skirt waistband	2 219	Curtain shade screen (see appropriate subclasses in)	160
Work control (see time operated and controlled)	368 1	Sleeves or legs	2 270	Elevator door	187 313+
Fuses	102 276	Slit	24 437+	Furnace door	110 176+
Switch operation	200 35 R+	Trousers waistband	2 235	Gate	49 324+
Time locks	70 272+	Clocking Device (See Timers)		Pen-operated inkwell	15 257.075
Clod Crusher	172	Clod Crusher	172	Power plant x-art	60 903*
Cultivator and roller	172 170+	Cultivator and roller	172 170+	Railway dumping car	105 286+
				Railway dumping car control	105 311.1+

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)	72 359	distillation combined.....	202 84	Testing device having.....	356 153
Box		Fuel.....	44 607	Collisions (See Protection)	
Closure.....	232 55+	Briquette	44 591	Avoidance	367 909*
Fare	232 7+	Processes of making	201	Aircraft systems.....	342 29
Savings	232 4 R+	Mineral oil feed.....	208 46+	Ship systems.....	342 41
Toy.....	446 8+	Refining combined	201 17	Collocating Gauge	33 613+
Brassiere with coin pocket.....	450 89	Pushing machines.....	414 160+	Colloidion	106 169.01+
Card and container	D18 3.1	Quenchers	239 750+	Colloid Systems, and Making	516
Cash register, coin refund device	235 7 A	Colamine	564 503	Or Breaking	516
Change holding machines	D99 34+	Colander	210 415	Cologne	D28 5
Change makers	453 1+	Plunger combined	241 84.2	Colophony (See Rosin)	
Check-controlled apparatus	194	Colchicine, in Drug	514 629	Color & Coloring (See Dyeing; pigment)	
Coin ejection	194 342	Cold Cream	514 772+	Application training	434 81+
Coin return	194 344+	Cold Frame	47 19.1	Assorting by.....	209 580
Controlled by coin size or		Cold Squirting	72 267	Charts	
weight.....	194 334+	Cold Trap	62 55.5	Color display	434 98+
Controlled by machine		Cold Welding	228 115+	Unknown color test.....	356 421+
operation.....	194 200	Collage		Electrophotographic copier	399 39+
Empty dispensing magazine	194 200	Representative of real object	428 39	Filter.....	359 885+
Coin slot closers.....	194 351	Collagen	530 356+	Photographic chemically defined ..	430 6+
Different values for different		Collapsible		Flowers by absorption of dye	427 4
coins	194 227	Bed	5 12.1+	Food	426 540+
Multiple coin	194 229+	Can (beverage)	224 906*	Preserving or modifying color	426 262
Multiple coin, electrical	194 230+	Core bar	164 400	Fresh flowers.....	47 58.1CF
Chute.....	193 DIG. 1	Paperboard box	229 117.01+	Glass heat developed	65 111+
Coin-controlled		Receptacle	222 92+	Lanterns	362 166+
Arcade-type viewer projector	D16 226	Sign.....	40 610	Signal	362 168
Billiard table	473 24	Steering post	280 777	Luminous, inorganic.....	252301.6 R+
Circuit maker-breaker digest	200 DIG. 3	Toy	446 487+	Luminous, organic	252 301.16
Corn popper.....	99 323.6	Building	446 478	Mineral oil	208 12
Lock.....	70 DIG. 41	Tube.....	138 119	Musical instrument accessory.....	84 464 R
Phonograph	D14 173	Wall		Paper	8
Jukebox	D14 173	Receptacle	222 92	Photography (see photography).....	430 357+
Print machines	101 DIG. 44	Weighter	177 126	Separation record making.....	430 356
Telegraphy system.....	178 2 F	Work holder	269 901*	Seams	112 17
Telephony system	379 143+	Collar		Colorimeter	356 402+
Telephone design	D14 146	And tether - animal securing	119 792+	Chemical analysis, apparatus	422 82.09
Vending machines	D20 1+	Animal	119 858+	Photoelectric	250 226
Coining.....	72 359	Design	D30 152	Visual or photoelectric	356 402+
Counting apparatus	453 58+	Apparel	2 129+	With computer	701 1
Deliverer	232 64+	Coat	2 98+	With light conductor	250 227.23
Delivering apparatus.....	453 18+	Design.....	D02 602+	Colorimetric Radiation Dosimeter ..	250 474.1
Detector	194 302+	Design, fur.....	D02 601	Colostomy	
Dispensing receptacle	453 18+	Ironing	223 52.1+	Bags	604 338+
For electronic commerce	705 26	Making	223 2+	Receptacle engaging stoma	604 332+
Handling	453	Making, x-art.....	83 901*	Colter	172
Controlled apparatus	194	Protectors	2 60	Bearings	384 157
Holder or tray	206 .8	Receptacle flexible.....	206 278+	Plow combined	172 165+
Design.....	D99 24	Shirt attached	2 116	Rolling	172 518+
Pocketbook-type design	D99 34	Weaving	139 385.5	Column (See Mast; Pole; Post)	52 831+
Wrapper or holder	493 945*	Buttoners	24 40	Aerated column pump	417 108+
Mats.....	206 .8+	Buttons	24 101 R+	Design	D25 126+
Metal work by deflection		Horse	54 19.1+	Fractionating	261 75+
Helix	72 135+	Design.....	D30 137	Combined	202 158+
Orbiting tool	72 66	Hame combined	54 18.1+	Mineral oil	196 139
Spiral.....	72 146+	Shaping	69 3	Still combined.....	202 153+
Meters	194	Stuffing	69 4	Making	29 897.33
Money holder-receptacle	232 1 D	Lamp shade support	362 443	Openwork	52 633+
Packaging	453 59	Puller	29 700+	Static mold	249 48
Packing apparatus	53 532+	Rod collar joint	403 230+	Comb and Combing	D28 21+
Purse.....	150 150+	Stovepipe.....	126 315	Cleaner	
Design.....	D03 232+	Supports	2 132	Brush machine	15 39
Keyholder combined	D03 208	Collators	270 52.01+	Comb combined	132 119
Receptacles and packages.....	206 .8+	With feeding	271 287	Implement	15 104.5+
Register, electrically operated	377 7	Collecting Mechanism (See Device With Which Combined)		Cornstalk huskers	56 114+
Electronic	705 16	Carbon black	422 150+	Cotton harvester.....	56 34+
Calculating sales tax.....	705 19	Collection Receptacle and Chamber		Curry	119 625+
Connected to multiple.....	705 21	Abbrading device.....	451 453	Design	D30 159
registers, controlled by host	705 21	Earth boring combined.....	175	Fiber liberating	19 29
Keyboard features	705 25	Railway passenger car dust guard ..	105 352	Fiber working	19 115 R+
Reading electronic price.....	705 20			Grids combined	15 142

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+
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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+	Printed matter	283 72+
Digital	708 100+	Vector processor	712 2+	Concealment (See Camouflage)	
Chaining	712 220+	Equipment	D14 300+	Warship	114 15
Client-server	709 203	Error checking system in computer ..	714	Concentrating	
For voting	705 12	For accounting	705 30	Beverage	426 425+
Compatibility between		For bill preparation	705 34	Cathode ray beams	313 441+
components	703 27	Time-based billing	705 32	Evaporators	159
Control systems	700 1+	General processing of digital		Ionized gas for thermo nuclear	
Database maintenance	707 200+	signal	360 39+	reaction	376 100
Database management systems ..	707 1+	General processing of tv signal	386 46+	Liquids in liquids	
Database schema or data		General recording or reproducing ..	360 55+	Apparatus	422 256+
structures	707 100+	Generated icon (design)	D14 489+	Processes	23 306+
Decoding of instruction	712 208+	Geophysical system with digital		Milk	426 587+
Diagnostic testing	714 1+	computer	367 60	Ores	423 1+
Docking station	710 303+	Graphics	345 418+	Ores	209
Emulation of components	703 23+	Hard drive (design)	D14 348+	Rare element, inorganic	423
Fetching of instructions	712 205+	Tower type (design)	D14 349+	Separating solids	209
File locating and retrieval		Head	360 110+	Rubber	
techniques	707 1+	Mounting	360 240+	Natural	528 937*
File maintenance operations	707 1+	Transport	360 101+	Synthetic or natural	523 335
Hypercube	712 12	Holder for magnetic disc assembly ..	206 308.3	Sugar crystallization combined	127 16
Information security	726 1+	Housing and mounting assemblies ..	361 683+	Concentric Tube or Cylinder	
Initialization	713 1+	Inventory management	705 28	Burner gas	431 195+
Telegraphy	178 18.01+	Itemization	705 29	Electric cable flexible	174 102 R+
Input devices		Joystick (design)	D14 412	Fluid vacuum or air	174 28+
Code converters (e.g.,		Keyboard or keypad (design)	D14 399+	With insulation spacer	174 99 R+
for keyboards)	341	Knowledge processing (see artificial		Expandable chamber device	92 51+
Mouse and the like	345 156+	intelligence)		Flue	122 160+
Peripherals, data processing		Lap top (design)	D14 315+	Header water tube	122 362
per se	710 1+	Mainframe type (design)	D14 300+	Heat exchanger	165 154+
Telegraphy	178 18.01+	Measuring utilities	705 412	Pipe joint	285 123.15+
Writing & tablets	345 156+	Data processed with cryptography ..	705 63	Pipe joint flexible pipe	285 222.1+
Instruction processing	712 200+	Medical diagnostic	128 922*	Transmission line	174 103+
Interprogram or interprocess		Memory system subcombinations ..	365	Involving line parameters	333 236+
communication	719 310+	Modulating & demodulating	360 29+	With nonsolid insulation	174 28+
Interrupt processing	710 260+	Monitor or display (design)	D14 371+	Concert Halls	52 6
Load valencing	718 100+	Hood or visor (design)	D14 449	Concertina	84 375
Masking		Support (design)	D14 451+	Keyboard type	84 376 R
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Reliability, data processing	714 3+	recording	360 31	Beam or joist	52 831+
Memory systems		Mouse (design)	D14 402+	Block machine	249 117+
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data processing	711 100+	Fluidic	235 200 R	Construction process	52 741.1+
Accessing & control, dynamic ..	711 111	Mechanical	235 61 R	Filling subterranean cavity	405 267
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Addressing, dynamic-type	711 4	Operator interface display	715 700+	Gas content testing	73 19.02
storage device	711 4	Menu or selectable iconic array ..	715 810+	Hazardous waste containment	588 252+
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Shared	711 147+	Personal access or	D14 383+	Mold	425 62
Multi-tasking	718 100+	verification (design)	D14 383+	Mold	425 63
Multiple instruction, multiple		Fingerprint type (design)	D14 384	Mold	425 87
data (mimd)	712 21	Retinal type (design)	D14 384	Mold	425 458
Multiple instruction, single		Pocket type (design)	D14 341+	Tie wire puller	254 18+
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Operating systems	718 100+	Record controlled, electronic	235 375+	Casting in situ	405 233+
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Processing architecture	712 1+	Scanner or bar code reader	D14 420+	Prestressed making	264 228
Pyramid	712 1+	(design)	D14 420+	Radiation barrier nuclear	376 293
Rectifying contact	257 471+	Signal splitting	360 22	Radiation barrier nuclear	376 287
Manufacture	438 570+	Special purpose television system		Radiation barrier nuclear	250 515.1
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Semiconductor		Static presentation	358 1.1+	Center way concrete	238 7
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Single instruction, single		Tv application	348 552	Rammers	425 456
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Of multiple different media	345 418+	Nuclear reaction control	376 217	Reinforcing bar	D25 164
Of processes	718 100+	Registers	235	Ribbed construction	52 319+
Of processors	713 375	Scales	177 25.11+	Structures	52
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Windows by ventilation	454 198+	Composition metallic	75	Confections with molding	425 332+
Condensed		Composition miscellaneous	252 500+	Dewaxers	208 37+
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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
Design	D07 590+	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
		Packages	242 175	Pipe valved	251 142+

Class Subclass		Class Subclass		Class Subclass	
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 antismut devices	101 420+	Condom	604 349
Consolidation		Stenciling machine		I u d	128 833
Powder metallurgy	419 38	internal inker	101 120	Pessaries	128 834+
Slip or slurry	419 40	Rails	191 22 DM+	Spermicides	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
Disinfecting sterilizing	422	Poison alarms	116 72	Vehicle brake	188 137+

	Class Subclass		Class Subclass		Class Subclass
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 other	
Brake combined	477 +	Textile smoothing transfer	38 8+	conveyors	271 69+
Clutch combined	477	Butchering	452 177+	Sheet feeding	271 264+
Pump regulators	417 279+	Centrifugal fluid		Sheet feeding and delivering	271 7
Motor vehicle	180 315+	distributor feed	239 215	Sheet feeding and separating	271 12+
Mechanism	180 315+	Chain or belt	29 DIG. 73	Sheet feeding delivering and	
Radiated wave responsive means	180 167+	Chute	193 2 R+	separating	271 6
Velocity responsive means	180 170+	Apertures automatic gauging	209 682	Vehicle unloading external	414 373+
Nuclear reactor	376 207	Drying apparatus	34 165+	Horizontal movement	414 353
Nuclear reactor	376 220	Gaseous suspension assorting	209 149	Reorienting support	414 356
Nuclear reactor	376 339	Gauging automatic by rolling	209 696	Repositioning support	414 351
Nuclear, control component	376 327	Liquid suspension assorting	209 196	Wheel excavator longitudinal	37 96
Parachute	244 152	Reciprocating	209 196	Wheel excavator transverse	37 97
Pipe		Stationary	209 202	Excavator	37 360+
Fluid pressure brake	303 86	Manual assorting	209 703+	Ditchers	37 347+
Fluid pressure brake automatic	303 29	Movable bed stratifiers	209 479+	Railway snow	37 208
Fluid pressure brake automatic		Liquid treatment, spiral	209 434	Road grader	37 381+
and direct	303 25+	Plural destination conveyor &	198 359	Roadway snow	37 237+
Fluid pressure brake charging	303 66+	Pneumatic stratifiers		Flexible	29 DIG. 99
Fluid pressure brake releasing	303 81+	Movable bed	209 471+	Fluid current	406
Power stop	192 116.5+	Stationary bed	209 477	Boiler or deep fat frying	99 406
Press	100 43+	Pockets automatic gauging with	209 684	Diamagnetic separation of	
Interrelated components	100 353	Power driven conveyor combined	198 523+	solids	209 212
Robot	700 245+	Stationary bed liquid treatment		Drying apparatus treated	
Electric	700 245+	Stratifier	209 458+	material	34 576+
Electric motor	318 568.11+	Stratifiers reciprocating	209 437+	Drying process material	
Speed (see speed)		Stratifiers rotating	209 444	suspension or	34 359+
Temperature (see cooling; heating)		Reciprocating	209 435	Electrostatic separation of	
Automatic	236	Chutes skids guides ways	193	solids	209 127.1+
Controlled Release of Medicines	604 890.1+	Coated surface separator		Fluid conveyor or applicator	29 DIG. 63
Conversion		receivers with	209 65+	Fluid handling system cleaners	137 238+
Alleged-of chemical elements	976 DIG. 409	Cooking apparatus	99 443 R	Insect dusting machine with	43 141
Nuclear into electric current	976 DIG. 317	Beverage infuser	99 289 R	Insect powder dusters	239 650+
Radioactive radiations	976 DIG. 419	Boiler or deep fat fryer	99 404+	Material of indeterminate length	226 97.1+
Conversion of Power, Electrical	363	Corn popping	99 323.9	Mortar mixer processes	366 3+
Conversion Reaction, Nuclear	376 156	Filled receptacle cooker	99 360+	Mortar mixers	366 10
Conversion Systems, Electrical	363	Griddle	99 423+	Paramagnetic separation of	
Converter		Molding support	99 427	solids	209 213+
Bessemer	266 243+	Smoke treating	99 467+	Railway snow excavator	37 202
Electric current	363	Spit or empaling type	99 420	Rotary meat comminutor combined	241 38+
Cryogenic	363 14	Toaster or broiler	99 386+	Sand blast abrading	451 75+
Frequency	310 160	Waffle iron type cooker	99 373	Separating operations combined	209 12.1+
Apparatus	310 160	Design	D34 29+	Separation of solids	209 132+
System	363 157+	Drying		Separation of solids by	
Heptode pentagrid	313 300	Hollow article	34 105	adhesion	209 45+
Metallurgical	266 243+	Houses containers with	34 201+	Separation with heat treatment	209 11
Octode	313 300	Removable shelf or tray		Sheet delivering	271 306
Pentagrid	313 300	handling	34 194	Sifting	209 233+
Triode heptode	313 298	Stationary receptacle with	34 179+	Solids comminuting apparatus	
With two cathodes	313 6	Treated material handling	34 236	with	241 38+
Triode hexode	313 298	Dumping scow platform	114 34	Solids comminuting processes	
With two cathodes	313 6	Egg candling	356 55+	with	241 15+
Convertible (See Type of Device)		Electrolytic apparatus work	204 198+	Stratifiers	209 422+
Armchair to bed	297 115+	Endless		Track sander pipe cleaning	291 43
Auto bodies	296	Adjustable material deflector		Track sanders	291 3+
Chair	297 118+	for	222 290	Treatment precedent to	
To cane	297 118	Bucket ditcher longitudinal	37 359	separation	209 3+
To stacked bunks	297 62	Bucket ditcher transverse	37 360	Treatment subsequent to	
To table	297 119+	Chain	198 643	separation	209 10
Cutlery	30 122	With pusher	198 725+	Fluid pressure testing for	
Garment supporter	2 301	Container sterilizing	422	leakage	73 41+
Horizontally supported		Cooperating comminuting	241 200	Garbage and sewage furnace	110 255+
Planar surfaces	108 11+	Dispenser	222 415	Gas as a	29 DIG. 81
Plural seats to single bed	297 63+	Dispensing trap chamber on	222 371	Gaseous suspension assorting	
Racks	211 2+	Dragline scoop combined	414 570	feeding	209 147+
Refrigeration related	62 326+	Drying house plural run	34 207	Glass annealing	432 121+
Stand to cane	248 155+	Drying house single run both		Harvester	
Vehicle to chair or seat	280 30+	active	34 208	Cutting binding combined	56 131+
Walker to vehicle	280 7.1+	Electrolytic movable electrode		Cutting combined	56 153+
Converting, Mechanical Process of	29 401.1	work	204 202+	Cutting threshing combined	56 122+
Conveyor (See Carrier; Chute; Feeder) 193		Endless digger	37 462+	Marine	56 9
Air blast &/or vacuum	29 DIG. 78	Flexible sheet drying	34 658+		

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

Class Subclass		Class Subclass		Class Subclass	
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		Bottle stoppers.....	215 355+
Plate.....	428 674+	insert binder strand thru		Coating or plastic compositions	
On iron.....	428 676+	sheet.....	402 7	containing.....	106 169.1+
Plating.....	205 291+	Tool cord type.....	248 51+	Fastener making.....	140 85
Pyrometallurgy.....	75 638+	Terminal.....	439 775+	Hoof covering.....	168 26+
Combined with hydrometallurgy.....	75 416+	Tire		Paving.....	404 17+
Copy		Antiskid devices.....	152 221+	Polymers ctg (see synthetic resin	
Advancing means.....	226 168+	Carcass material.....	152 548	or natural rubber)	
Business distributed data files.....	705 57	Carcass material arrangement.....	152 558	Press.....	144 284
prevention of.....	705 57	Making.....	156 117	Pullers.....	81 3.07+
Using a program or origin id.....	705 58	Tying or knotting.....	289	Removing implement.....	D08 42
Electrophotographic copy.....	399	Harvester compressing and		Wire applying to.....	140 94+
Holders (see copyholders).....	248 441.1+	binding.....	56 433+	Corkscrew	81 3.45
Advancing means.....	226 12	Harvester raking and bundling.....	56 343	Hayfork manipulator.....	294 121
Multiple.....	462 18+	Winding and reeling.....	242 470+	Making.....	140 86
Photocopying equipment.....	D18 36+	Cordeau Detonant	102 275.1+	Corn	
Copyholder	248 441.1+	Composition.....	149 105+	Cob splitter.....	225 93+
Card holder on typewriter.....	400 521+	Corduroy	139 392	Ear holder.....	294 5
Electrophotographic copier.....	355 72+	Core (See Casting, Plastics; Mandrel)		Files.....	132 76.4
Electrophotographic copier.....	399 377+	Assembling apparatus.....	29 234	Foods.....	426 627+
Line guide type.....	40 352+	Box.....	164 228+	Flakes.....	426 621
Movable copy.....	40 342+	Planes.....	30 479	Grinding.....	241
Passive guide for moving material.....	226 196.1	Sections hinged.....	164 233	Harvesting.....	56 51+
Sheet or web holder on typewriter.....	400 578+	Brush and broom.....	15 204+	Holder for eating.....	D07 683
Typewriter attachable.....	248 442.2	Casting		Husking	
Copying (See Pattern Control)		Boxes.....	164 228+	Machines.....	460 25
Camera.....	355 18+	Cement pipe mold.....	425 59+	Means to butter ear corn.....	401 12
Coated surface.....	427 144	Cement pipe mold.....	425 406+	Medicines for.....	424
Compositions.....	106 14.5	Chaplets.....	164 398+	Pads for.....	128 882
Electrophotography.....	399	Materials.....	106 38.2+	Planter.....	111
Machines (see pattern control)		Means to expand or contract.....	249 178+	Clutches.....	192 23
Pads and forms.....	118 264+	Metal founding sand.....	164 369+	Popping apparatus.....	99 323.5+
Paper or carbon paper.....	462 69+	Molds metal separable.....	249 142+	Shellers.....	460 45+
Coated.....	427 153+	Molds sand combined.....	164 365+	Green corn.....	99 567
Planographic		Of plural sections.....	249 184+	Stringers weaving.....	139 19
Apparatus.....	101 131+	Of resilient material.....	249 183	Stripper.....	30 121.5
Elements.....	101 473	Plastic molds.....	425 468	Corncob	
Processes.....	101 468+	Removing.....	164 132	Pipe.....	131 230
Presses		Removing apparatus.....	164 345+	Splitter.....	225 93+
Design.....	D18 50	Static mold.....	249 175+	Corneal Cutting Device	606 166
Wood turning.....	142 7+	Cutters auger type.....	408 199+	Corner	
Cord (See Strand)		Cutting		Building component.....	52 272+
Electric (see conductor)		Annular drills.....	408 204+	Concrete or plaster.....	52 250+
Fabric		Button making.....	79 16	Embedded protector.....	52 254+
Bed bottom.....	5 190+	Earth.....	175 403+	Panel edge binder.....	52 264+
Braided netted or lace.....	87	Tubular wood saw.....	408 204+	Trim or shield.....	52 287.1+
Hammock.....	5 122	Wood disk.....	408 204+	Window frame post.....	52 204.57
Knitted.....	66 169 R+	Dam.....	405 109	Cabinets.....	312 238
		Deforming metal		Connector	

Class Subclass		Class Subclass		Class Subclass	
Folded wall extension	229 190+	Magnesium compound containing	501 119	Geiger muller	250 374+
Folded web	229 186+	Corynanthine	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; Counterweight)	
Design, rigid	D25 55	Detector tubes	376 153+	Cable hauling drum with	254 312
Design, structural	D25 55	Detector tubes	313 93	Centrifugal metal	
Metal sheathing	52 287.1	Photographic film	250 475.2	casting device with	164 287
Trim or shield	52 287.1+	Scintillation	250 361 R+	Closet seat	4 241
Corona		Cosmid	435 320.1	Crane	212 195+
Discharge photography	396 661	Cost Determination		Cranks and wristpins	74 603+
Discharge process	430 937*	Automated	705 400	Cultivator beam seat	172 431+
Chemical apparatus	422 907*	Costume	D02 741	Electric lamp etc electrode	314 98
Electrophotographic copier	399 170+	Garment prior to 1900	D02 729	Elevator	187 404+
Prevention		Cots	5 110+	Pedals	74 594.5
Conductors	174 127	Canopies	5 414+	Pitman and connecting rod	74 589+
Dynamos	310 196	Cotter		Railway cable car	104 174+
Corpse		Nut locks		Railway wheels with	295 6
Carriers	27 28	Design	D08 382	Robot	901 48*
Coolers		In bolt to nut lock	411 213	Spring biased tool	172 705+
Display type	62 246+	In bolt to nut lock	411 320	Stand and adjustable bracket	248 123.11+
Open support	62 458	Making	29 5	Standard type support	
Cremating furnace	110 194	Pin	411 513	adjustable with	248 162.1
Undertaking	27	Pullers	29 247+	Suspended support adjustable with	248 323+
Corrosion Preventing		Railway car wheel	295 50	Upending bed	5 164.1+
Agents	252 387+	Shaft joint type	403 378+	Valves	251 281+
Coating composition	106 14.05+	Slot punching	470 161	Weighted tool	172 611
Distilling combined	203 6+	Cotton		Weights per se	16 404
In hydrocarbon synthesis	585 950*	Chopper type plows	172	Weights support type	248 364
In nuclear reactors	376 305	Fiber preparation	19	Counterbore	
Mineral oil conversion combined	208 47	Harvesting	56 28+	Boring head	408 223+
Processes	422 7	Ripening	47 5	Counterpane (See Counterbalance)	5 482
Refrigeration with	62 85	Cotton Candy Maker	425 9	Counterpoise (See Counterbalance)	
Corrugated Structure		Couch		Disappearing gun mount	89 39
Building panel	52 630	Box type	297 188.08+	Oval pattern lathe chucks with	142 51
Metal	428 603+	Furniture design	D06 334	Radio antenna	343 846+
Pipes		Hammock	5 124+	Countersink	
Flexible	138 121+	Kinestherapy	601 49	Augers	408 223+
Reinforced	138 173	Light thermal and electrical		Drill combined	408 223+
Railway ties	238 82	applying	607 115+	Pipe and plate packed joint	285 211+
Receptacle wooden straps for	217 67	Orthopedic	606 242+	Reamers	408 223+
Reflector lantern combined	362 297+	Roll	162 314	Screw pipe joint external	
Sheet metal	428 603+	Tube combined	4 547	packing and	285 349+
Ship	114 80	Coulombmeter		Screws	411 378
Stock material	428 179	Ballistic galvanometer	324 97	Countertop	
Making apparatus	156 205+	Electrolytic	324 94	Tile	D23 308
Making process	264 286+	Coultter	172 165	Counterweight (See Counterbalance)	
Wrappers for bottles	229 90	Planting machine	111 140	Carcass splitting saw	452 160+
Corrugating (See Crimping)		Coumarins	549 283	Chute	193 24
Land furrowing implement	172	Coumarone	549 434	Chute vertical swing	193 18+
Metal	72 190+	Resins (see also synthetic resin or natural rubber)	526 266	Drilling machine	408 235
Curving and	72 177	Counter & Counting (See Recorders; Registers; Shelf & Shelving; Tally; Showcase)	D10 97	Elevator fluid governors	187 345+
Sitting and	29 6.1	Alarm for operation	116 73	Grinder mount	451 166+
Tube	72 102+	Applications	377 1	Light supports with	362 401+
Web or sheet	72 196	Bank protection trapping		Material handling hoist	414 601
Paper		mechanism	109 4	Material handling hoist with	414 673
Crepe paper making	162 111+	Blood	377 10	Railway car stop bumpers with	104 255
Processes for	264 286+	Cabinet type	312 140.1+	Railway switch and signal	
Plastic & earthenware shaping	425 396	Check-out counter	186 59+	mechanical locking with	246 153+
Ruffler for sewing machine	112 132+	Coin	453 58+	Railway switch stands	
Corsage	D11 117+	Box	235 100	automatic with	246 288
Corset	450 94	Decade		Sash	16 216+
Covers	2 110	Electronic tube type	377 103	Sash balances cord and	16 194
Design	D02 701+	Gas tube	315	Suspended support with	248 331
Making	223 53	Electromechanical	377 82	Vertically swinging shovel with	414 719+
Reinforcing	223 4	Electromotive force		Couple	
Corticosterone	552 588	generator excitation control	322 86+	Delivery twist textile spinning	57 60+
Cortisone	552 577	Electronic	377	Strand controlled starting and	
Cortisone, in Drug	514 179	Faucet operation	235 94 R	stopping	57 82
Corundum	423			Printing	101 183+
Abrasive composition	51 309			Coupler for Organ (See Organ)	
Refractory composition	501 127+				

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

Class Subclass		Class Subclass		Class Subclass	
Metal covering	29 33.2	Drainers	184 1.5	Copolymers)	526 342
Paper	493	Housings	74 606 R	Cresol	568 716+
Sheath to tube or rod	228 126+	Internal combustion engine	123 196 CP	Cresotinic Acid	562 475
Shoe heel	12 49.1	Crankshaft		Cresting	52 57
Strap	12 59	Bearing		Crib	
Textile spinning	57 3+	Antifriction	384 457	Bed	5 93.1+
Wire	29 428+	Plain	384 429+	Design	D06 382
With sheet metal	29 243.57	Thrust	384 250	Blanket design	D06 603+
Shelf	428 904.4*	Lapping	451 180+	Chair convertible	297 7+
Stair	52 177+	Making	29	Infant, powered	180 166
Wall	428 904.4*	Apparatus	29 6.01	Land vehicle convertible	280 31
Covert	139 416	By turning	82 106+	Storage, with changing or	
Cowl		Method	29 888.08	discharging means	414 288+
Ventilating	454 3+	Straightening	72 389.1+	Cribbage Board	235 90
Design	D23 374+	With indicator	72 31.02+	Design	D10 46.1
Vehicle	454 146+	Twisting	72 299	Cribbing	405 273
Crab		Methods	72 371	Shaft	405 272
Picker	452 6	Crash		Crimped	
Processing for food	452 1+	Fabric	26 26	Filament compound metal	428 603
Crack-Off	225	Seat	297 216.1+	Filament fiber or strand	428 369+
Glass	225 94+	Signal for airplane		Staple length fiber	428 362
Cracker		Radio	342 385+	Metal closure	220 309.1+
Firecracker	102 361	Water dye	116 211	Twisted and coated or impregnated	57 250+
Food	99	Crate	D09 414+	Twisted synthetic	57 247
Design	D01 128+	Animal neck stocks combined	119 732+	Crimping (See Corrugating)	
Cracking		Animal shipping, design	D30 109	Ammunition loading	86 39+
Hydrocarbon synthesis		Freight car combined	105 373	Apparatus textile strands	57 282+
Aromatic	585 483+	Shooks	217 43 R	False twist	57 282+
Dioline	585 613+	Wooden receptacle	217 36+	Miscellaneous strands	28 247+
Olefin	585 648+	Cravats	2 144+	Plastic filaments	425 66
Paraffin	585 752	Fasteners	24 49.1+	Plastic filaments	425 303
Triple bond	585 534+	Magnetic, adhesive, or snap type	24 66.1	Plastic filaments	425 325+
Oils	208 46+	Crayfish		Twisting and coating	
Electrostatic or electric		Processing for food	452 1+	or impregnating	57 286
discharge	204 172	Crayon	401 49+	Barbed wire	140 59+
Crackled Coating	427 257	Compositions	106 31.07+	Boot and shoe making	
Crackled Glass Making	65 111	Holder	401 88+	Loose upper shaping	12 54.1+
Cradle		Advancing means combined	401 55+	With diverse operations	12 52.5
Battery	429 96+	Modifying thermometers	374 183	Box edge making	493 109
Bed	5 101+	Molding device	425 117	Cigar or cigarette end forming	131 89+
Design	D06 382	Molding device	425 425	Closure cap structure	215 324+
Grain	56 324	Cream		Glass reshaping apparatus	65 269+
Land vehicle convertible	280 31	Cold	514 772+	Hair crimper	132 224+
Receptacle stand	248 139	Separating decanter	210 514+	Design	D28 35
Squeezer type washing machine	68 114	Separators	D07 369+	Process	132 210
Cramps		Treating processes	426 334+	Metal bending by rolls	72 199+
Block tie	52 712+	Whipping	261 DIG. 16	Paper in wrapping machine	53 370
Crane (See Derrick)		Cream of Tartar	562 585	Paper receptacle end structure	229 5.6
Automatic control	212 276+	Baking powder	426 562+	Pie making implement	425 293
Cut-off	212 276+	Creaming Latex		Sewing machine running stitch	112 174+
Cyclic	212 286	Natural rubber	528 937*	Sleeve or tube connector	29 282
Sway	212 273+	Synthetic or natural rubber	523 335	Hand tools	29 282
Cab	212 290	Creaser (See Folder)		Textile fabrics	26 21
Travelling bridge	212 291	Boot and shoe making		Textile fibers	19 66.1+
Collapsible	212 294+	Loose upper shaping	12 54.1	Textile strands	
Cornstalk cutter with discharger	56 72+	Box, cut and crease	493 59+	Plastic filaments	264 168
Counterweight	212 195+	Envelope	493 186+	Twisting synthetic strands	57 282
Removable	212 178+	Horseshoe	59 36+	Wire	140 105+
Davit	114 368	Plaiting fluting shirring and		Cringle	114 114
Design	D34 33	cross creasing	223 29	Crocheting	
Electric control	212 328+	Sewing machine	112 131	Fabric	66 193
Excavator with cable operated boom	37 395+	Leather	112 51	Knitting	66 85 R
Floating	212 307+	Creatinine	548 321.5	Needles	66 118
Invalid lift	5 87.1	Creche	D11 122+	Sewing	112 116
Locomotive with turntable	105 28	Credit Card Systems	235 380+	Crook	119 801+
Material or article handling	414 561+	Electronic applications	705 38	Crop	
Remote or dual control	212 285	Used at point of sale terminal	705 17	Riding	231 2.1+
Rotary	212 223+	Security devices	705 18	Thinners	47 1.43
Self-erecting	212 176	To pay sales tax	705 19	Croquet	
Climbing	212 199+	With electronic funds transfer	705 17	Design	D21 728
Ship mounted	212 307	Creel (See Basket)		Game	473 410+
Transmission of electricity to	191	Bobbin supporter and holder	242 131	Mallet	473 412
Traveling	212 71+	Fishing	43 55	Cross	
Bridge	212 312+	Design	D03 260	Bail for harness	24 172+
Trolley type railway with transfer	104 98	Creepers		Bearer for railway car under frame	105 419
Trucks for overhead	105 163.1+	Antislip shoe attachment	36 59 R+	Braced pole arm	52 697
Vehicle mountable	212 180	Baby	297 5+	Chain antiskid for wheels	152 223+
Window	49 148	Electric wire placing	254 134.5+	Decorative item	D11 96
Crank		Horseshoe calk	168 30	With illumination	362 121
Foot operated	74 594.1	Repairmans	280 32.6	Head	
Hand lever	74 545+	Cremation Furnace	110 194	Bearing slide	384 11
Mechanical movement including	74	Crematory Urns	27 1	Die cutting machine	83 624+
Operated (see device operated)	74	Design	D99 5	Mine elevator guide	187 406+
Paddle		Creosote	568 716	Motor valve actuator	91 218+
Impeller	416 78	Crepe Paper	428 153+	Shoe heel nailing machine	227 135
Marine	440 26+	Making	264 282	Modulation (see intermodulation)	
Water motor	416 78	Creping		Rail for metal planer	409 325
Pedals combined	74 594.1+	By mechanical manufacture	28 155+	Tree ship spar	114 92
Velocipede design	D12 123	Cellulose fibers	8 117	Winding	242 476.7+
Wrist pin combined	74 595+	Differential	8 114.5	Fishing reels	242 273+
Crankcase		Cresidine	564 443	Spinning reels	242 241+
Breathers	92 78+	Creslan T M (Polyacrylonitrile)		Cross Laid Textile	28 100+

Class Subclass		Class Subclass		Class Subclass	
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	135 68+	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	
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+
Plano 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)	
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
Pie crust sheet metal mold	99 432	Sliding liquid phase epitaxy	117 61	Sewing machine feed	112 18

Class Subclass		Class Subclass		Class Subclass	
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	Curve	
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 scribe	
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+
Forehearths	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	119 625+	Reciprocating bed	267 75
Curler		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	345 157+	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	396 517+
Averaging	374 115	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+
Digital output	374 170+	Curtain Wall	52 235	Woven	139

Class Subclass		Class Subclass		Class Subclass	
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 trimmer	99 375
Sheathed	30 151+	Cleaner for inside of pipe	15 104.13+	Furbishing	409 63
Silverware sorting	209 926*	Coating processes with	427 289+	Gear cutting, milling, planing	409
Cutoff		Combined with other tools	7 158+	Glass (see search notes)	83 879+
Brake system flow retarder and	303 84.1	Computer controlled, monitored product manufacturing	700 159+	Machines with charging molding	
Expandable chamber motor		Cutlery hand manipulated	30	Machines with shaping and	65 174+
Admission	91 247+	Eraser combined	15 105.53	Guide combined	30 286+
Multiple expansion	91 152+	Hair planers	30 30+	Hair guide for cutting	132 213+
Fluent material	251	Hair thinning shears	30 195	Hard material in situ	299
Automatic weigher combined	177 60+	Knives	30 165+	Boring	175
Fluid distribution valve 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 dispenser	222 490	Abrading	D08 90+	Harvesting implements	299 24+
Water distribution spout and	137 872+	Bayonet, dagger, hunting	D22 118	Heat cutting	62 320
Fluent material dispenser		Cleaning	D32 35+	Heat cutting electrically	30 140
Blasing closure	222 511+	Combined with key holder	D03 210	Implements	299 24+
Contents pressure operated	222 491	Hair	D28 52+	Picks	30 164.5+
Flow controller	222 544+	Kitchen	D07 693+	Scraper hand held	30 136+
Gravity actuated	222 500	Knife, fork, spoon	D07 642+	Scrapers for removing ice from sidewalks	37 266+
Motor operated	222 504	Letter opener	D08 102+	Ship ice breaker	114 42
Preset cutoff	222 14	Pencil sharpener	D19 73+	Snow plows with ice scrapers	294 54.5
Rate of flow responsive	222 59	Razor	D28 45+	Inflatable tube	83 DIG. 3
Relatively movable actuator for	222 505	Silverware	D07 642+	Insulation	81 90.1+
Sectional	222 502+	Dispenser with	222 80+	With remover	81 9.4+
Snap action	222 498+	Article dispenser	221 30+	Leather manufactures	69
Fluid pressure regulator combined	137 456+	Article impaler	221 213+	Making cutters	76
Fuel feed		Gas or vapor dispensing	222 5	Edge by electric weld deposition	219 77
Automatic burner control	431 18+	Soap dispenser	241 602+	Manicure compound tool with	132 75.4+
Boiler	122 447	Earth and stone		Metalworking	407
Burner nozzle	239 569+	Bush hammers and chisels	125 41	Air current generated by	29 DIG. 82
Selectively preset	239 67+	Core type posthole diggers	294 50.5+	Ambulatory, with fluent conduit	29 DIG. 64
Milking machine vacuum line	119 14.08	Earth boring	175	Auger lip cutting	76 3
Steam engines	91 247+	Earth boring bits	175 327+	Ax making	76 7+
Cutout (See Circuit, Maker & Breaker)		Earth core drills	175 403+	Boring head	408 234
Arc lamp circuit	314 10+	Earth excavating	37	Boring machines	408
Electric vehicle supply	191 8	Stone remover	37 303	Broaches	407 13+
Fluid heater	236 21 R	Earth reamers	175 406+	Cable sheath cutters	30 90.1+
Lamp circuit	315 119+	Earth scoops	37 411+	Can openers	30 400
Muffler		Earth working	172	Casting combined	29 527.6
Acoustic	181 236	Grinding wheel dressing	125 11.11	Casting device with	164 262+
Valve structure	137 625.44+	Millstone dressing machine	125 27+	Chain making machine with	59 16+
Sign letters	40 602	Millstone picks	125 42	Chasing screw thread	408 215+
Switches	200	Mining machines	299 29+	Chemical heat employed to cut	148 194+
Cutter & Cutting (See Abrading; Filing; Sawing; Trimming)	83	Precious stone working	125 30.01	Cold chisels	30 168
Abrading	451	Rock drilling	175	Contained supply reservoir	29 DIG. 65
Agricultural		Rockworking in situ in earth	299	Countersinks	408 223+
Citrus fruit cutter hand tool	30 113.1+	Shave type mining machine	299 34.01+	Cutter making processes	76 116+
Colters	172	Stone chisels	125 6+	Cutters for machine mounting	407
Corncob splitting	225 93	Stone dressing	125 2+	Die shaping sheet metal and	72 324+
Cornstalk	56 53+	Stone planing	125 9	Drilling machines	408
Cutter type harvester	56 229+	Stone sawing	125 12+	Drills	408 199
Design	D08 1+	In place in earth	299	Drive	29 DIG. 55
Fruit gatherers	56 328.1+	Stone turning	125 10+	Engaging cleaner	29 DIG. 97
Green corn	460 45	Stoneworking	125	Expanded metal making	29 6.1
Harrow disk	172 518+	Street surface removal	299 36.1+	Fan coaxial with	29 DIG. 83
Harvester	56	Tunneling machines	299 29+	Feed	29 DIG. 57
Planting machines with seed cutters	111	Well drilling	175	Fence barb cutting	29 7.1
Plow moldboard furrow slice	172 758+	Edge	83 425.2	File cutting	76 12+
Potato cutters for planting	83	Eraser combined	15 105.53	File resharpening sand blast	451 79
Potato diggers	171 26+	Eraser mutilating	30 169+	Files and filing	29 76.1+
Pruning saws	30 166.3+	Burnisher combined	7 124	Flame cutting	148 194+
Scythes	30 309	Feeding and cutting	83 401+	Flame cutting apparatus	266 48+
Sickles	30 309	Food		Fluid channel in	29 DIG. 92
Sod cutters	172 19+	Butter	83	Fluid spreader contacts	29 DIG. 69
Stalk choppers	56 500+	Cheese	83	Forging machine with cutting machine	29 34 R
Tree hacks for debarking	30 121	Citrus fruit	30 113.3	Forging machines with incidental cutting	72 324+
Vine cutters	56 229+	Cleavers	30 308	Gear cutting machines	409 1+
Block and board	269 289 R	Cooking molds with trimmer or divider	99 430	Hand manipulated tools for	30 165+
Board, household	D07 698	Corer	99 547+	Hood encased	29 DIG. 86
Brick	83	Annular cutter hand tool	30 178+		
		Citrus fruit hand tool	30 113.1+		
		With segmenters	99 545		

Class Subclass	Class Subclass	Class Subclass
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 containing 430 581+
Immersion partial 29 DIG. 74	Shoemaking 12	Cyano Group, Formation of 558 308+
Lathes 82 117+	Soap 83	Cyanoacetic Acid 558 443
Milling machines 409 64+	Solid material comminution or disintegration 241	Cyanogen
Nail making machines with 470 157+	Sound waves 83 14	Ammonia from compounds 423 352
Needle making machine with 163 1+	Sound waves 83 701	Biocides containing 424 607+
Pin making machine with 163 6	Stone working 125	Electrolytic synthesis
Pipe and rod cutters 30 92+	Street surface removal	Aqueous bath 205 551
Planing machines 409 288+	Ice 299 24	Fused bath 205 360
Printers leads 83	Surgical 606 132+	Hydrocyanic acid 423 364
Punching 83	Design D24 146+	Salts 423 364+
Reamers 408 227	Electrical 606 39+	Cyanoguanidines 564 104
Rifling 409 306	Test	Cyanohydrins 558 451
Rolling and cutting machines 72 203+	Cutting edge testing 73 104+	Cyanuric Acid 544 192
Rotating 29 DIG. 67	Shear stress, eg 1zod, charpy 73 844	Cycle (See Velocipede)
Saw tooth cutting 76 28+	Textile and strand 83 913*	Bicycle type 280 200+
Sawing 83	Beria type cutter 83 403	Design D12 111
Scrap cutting 83 923*	Bobbin and cop winding with 242 487.1+	Design D12 107+
Screw cutting lathe 82 110+	Buttonhole cutter 30 118+	Electric bicycle signal 340 432
Screw threading dies 408 215+	On sewing machine 112 68	Electric light 362 509+
Screw threading machines 408 72 R+	Cloth finishing 26 7+	Locks 297 195.1+
Screw threading taps 408 215+	Convolute with 242 522+	Mud guards 280 152.1+
Screw threading with cut off 408 28+	Cordage winding with 242 487.1+	Parallel connected 280 209
Shapers 409 288+	Knitting strand controlled stop 66 159	Polycycles 280 282
Sharpeners abrading 451 419+	Measurer for fabric with 33 732+	Rack or holder D12 115
Sharpeners for cutting tools 76 82+	Severing cutter for sewing machine 112 130	Saddles 297 195.1+
Sharpeners for saw teeth 76 30+	Sewing machine shuttle with 242 487.1+	Sidecar D12 116
Sheet and bar cutting 83	Shears 30 194+	Single axis or wheel 280 205+
Sheet metal shaping die with 72 324+	Spool or twine holders with 83 649+	Stirling 62 6
Shredding 29 4.51+	Textile knitting 66 125 R+	Theft preventing alarms 116 33
Staple making machine with 59 71+	Textile spinning strand control stop 57 86+	Tricycle type 280 200+
Stereotype concave surface finishing 409 309	Textile weaving fabric 139 291 C	Convertible 280 7.15+
Tap or die 408 215+	Textile weaving pile 139 43	Design D12 112+
Tire upsetting machine with cutter 29 22	Textile weaving thread control 139 260+	Simulations 280 828+
Tube and sheath splitters 30 90.1+	Textile weaving weft 139 302	Vehicle energy actuated signal 116 56+
Tube cutters for well tubing 166 55	Thread cutter for sewing machine 112 285+	Cyclic Hydrocarbon (See Alicyclic Hydrocarbon; Aromatic Hydrocarbon)
Turning to taper 82 15+	Trimmer for sewing machine 112 129	Cyclic Peptides 530 317+
Turning with profiled cutter 82 13	Tufting sewing machine 112 80.01+	Cyclic Polymerization, Hydrocarbon Synthesis 585 415+
Turning with radial cutters in hollow head 82 130	Well torpedo cable 89 1.14	Aromatic hydrocarbon synthesis 585 415+
Type casting mechanism with 199 54+	Threshing 460	Cyclic Thiocarbonates 549 30+
Valve refitting portable tool 409 64+	Tobacco and tobacco products 131	Dithiocarbonates, monothiocarbonate 549 30
Wire 83	Cigar end cutters 83	Trithiocarbonates 549 36
Wire cutting with tag machine 493 343+	Cigar or tobacco receptacle with 206 238+	Cyclization
Wire fabric making with slat 140 26	Cigar tip cutters hand 30 109	Mineral oil 208 46+
Wire straightening and 140 139+	Tools with additional tools 7 158+	3,5-Cycloandrostanes 552 500+
Wire stretching implements with 140 123.6	Monkey wrench 7 139+	Cyclobutyl Carboxylic Acid Esters 560 123
Wrench attached cutter 81 181+	Plier type 7 129+	3,5-Cyclocholesterols 552 500+
Oilier 83 169	Plier type 7 132+	3,5-Cyclogonanes 552 500+
Paper D15 127	Torch 266 48+	Cyclohexamide 546
Pencil sharpener (see pencil sharpener) 30 451+	Feed dispersing 239 398+	In drug 514 328
Machine 144 28.1+	Tracheotome 606 185	Cyclohexanol 568 835
Pipe hand tools 30 92+	Trepan 606 176+	Cyclohexanone 568 376
Plastic block apparatus 425 289+	Trepanning 408 703*	Cyclohexylamine 564 462
Plastic material implements 30 115	Turning 82	Cyclometers 235 95 R+
Punching 234	Vehicle body 296 2	Cyclone Separator 406 173
Receptacle openers	Woodworking 144 36+	Gas separation 55 337
Implement 30 2+	Coopering 147	Liquid separation 210 512.2
Metallic receptacle with 220 260	Draw knives 30 313	Cycloolefines 585 23
Refrigeration related 62 294	Knives 30 165+	Synthesis 585 350+
Rotary (see notes to) 30 347	Pencil sharpener 30 451+	By dehydrogenation 585 379+
Rotating axially moving tool 408	Reciprocable along elongated edge 83 746+	Cycloparaffins 585 20+
Safety devices 83 DIG. 1	Sawing 83	Synthesis 585 350+
Selective 234	Spokeshaves 30 281	By alkylation 585 446
Pattern controlled 234 59	Turning 142	Cyclopentanohydrophenanthrene Compounds 552 502+
Severing by tearing or breaking 225	Work attached device 83 743+	Heterocyclic 540 2+
Sewing machines combined 112 128	Cyanamides 423 368	Cyclopentyl Carboxylic Acid Esters 560 121+
Thread 112 285+	Catalysts containing 502 200	Cyclopropane 585 350+
Shaping devices 407	Electrolytic synthesis	Cyclopropyl Carboxylic Acid Esters 560 124
Sheet and bar 83	Aqueous bath 205 551	Cycloserine 548 244
Cigar receptacle with 206 238+	Fused bath 205 360	3,5-Cyclosteroids 552 500+
Cigar wrapper cutter 131 33+	Fertilizers containing 71 55+	Cyclotrons
Cigarette mouthpiece making 131 91	Organic radical containing 564 103	Energizing systems 315 502
Cloth finishing 26 7+	Cyanates 423 364+	Nuclear fusion reactions use in 376 100
Dispensing package with 206 216	Esters 560 301	Structure 313 62
Fabric reels with 83	Cyanide	Systems including 315 502
Label machine strip severing 156 510+	Catalysts containing 502 200	Tubes 313 62
Measurer fabric and cord with 83 522.11+	Electrolytic synthesis	Cyclovitamin D 552 653
Paper aperture making punch for 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 folding with 270 21.1	Organic 558 303+	Caster 16 22+
Sheet material folding with 493 340	Preserving, disinfecting, sterilizing with 422 35	Compressor
Stenciling machine 101 117	Salts inorganic 423 364	Movable cylinder with reciprocating piston 417 460+
Tobacco leaf disintegrating 131 311+	Cyanine Dyes	Multiple cylinder 417 521+

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