

Class Subclass		Class Subclass		Class Subclass	
<b>E-Layers in Thermo Nuclear Reactions</b> 376 126		Body supported .....	248 444	Testing instrument .....	D10 48
<b>Ear</b>		Collapsible .....	248 460+	Carton	
Coupling detachable janney type ....	213 157	Copyholder .....	248 441.1+	Design .....	D09 757+
Guards .....	2 455+	Advanceable copytype .....	40 342+	Making .....	493 52+
Design .....	D29 112	Line guide type .....	40 352+	Paper, compartmented box .....	206 521.1+
Surgical .....	128 857+	Painters .....	248 444+	X-art collection .....	493 913*
Hair cutters .....	30 29.5	Photographic enlarging		Paperboard .....	206 521.1+
Pieces		For original .....	355 75+	Wooden .....	217 18+
Eye-glass with protective .....	351 122	For photosensitive paper .....	355 72+	Cleaning .....	134
Speaking tube combined .....	181 20	Seat with .....	D06 335+	Brushing or scrubbing .....	15 3.1+
Telephone .....	381 385	Wall mounted .....	248 447.1+	By abrading .....	451 103+
Design .....	D14 249	Watch and clock .....	248 442	Compositions and processes .....	426 614+
Plug .....	D24 106	<b>Easy Out Extractor</b> .....	81 436+	Cooker	
Receptacle		<b>Eaves Trough</b> .....	52 11+	Automatic control .....	99 336
Bail .....	220 773+	Supports .....	248 48.1+	Boiler .....	99 403+
Wooden bucket .....	217 126	<b>Ebonite</b> .....	525 332.6	Supports combined .....	99 440
Surgical treatment electrical .....	607 136	Chemical aspects of producing .....	525 332.6	Cup .....	211 14
Syringes .....	604 187+	<b>Ebullioscope</b> .....	73 53.01+	Cutting and separating	
Trolley support .....	191 43+	<b>Eburnamonine</b> .....	546 50	Apparatus .....	99 498
Insulator .....	191 42	<b>Eccentric</b> .....	74 570.1+	Processes .....	426 299+
Trumpets .....	181 129+	Adjustment of frictional gearing .....	476 61	Dyeing .....	426 252
<b>Earmuff</b> .....	2 209	Belt tightener .....	474 112	Incubator .....	119 311+
Design .....	D29 112	Chucks and sockets .....	279 6	Brooder combined .....	119 301
<b>Earplug</b> .....	D24 106	Drive mechanical movement .....	74 116+	Nest medicated .....	119 348
<b>Earring</b> .....	63 12+	Drive shaft for gearing .....	74 390	Packaging wrapping and casing .....	426 298
Design .....	D11 40+	Gearing .....	74 393	Powdered .....	426 614
<b>Earth (See Type of Earth Working Equipment)</b>		Planetary .....	475 162+	Preservation .....	426 298+
Boring .....	175	Instruments .....	33 DIG. 8	Apparatus .....	99 467+
Compositions .....	507 100+	Pivot cutter .....	30 104	Coating .....	426 289+
Carrier wave communication system .....	455 40	Weight wheeled toy .....	446 458	Dehydration .....	426 471+
Combustion in situ .....	166 256	Wheel mounts vehicle .....	280 229	Hermetic sealing .....	426 298+
Electric current through .....	166 248	<b>Egonine</b> .....	546 131	Packing in liquids and powders .....	426 392+
Electrolyte or conductor in batteries, having earth feature ....	429 47	<b>Echo Sounding</b> .....	367 87	Refrigeration .....	426 524
Engineering .....	405	<b>Economics Teaching</b> .....	434 107+	Production .....	119 6.8
Caissons .....	405 8+	<b>Economizers</b>		Racks .....	211 14+
Diving .....	405 194	Feed water .....	122 412+	Separators .....	99 497
Dry docks .....	405 4+	<b>Ecraseur (See Border; Cutter)</b>	606 135+	Shaker-mixer .....	D07 300.1
Earth control .....	405 258.1+	Beading metal sheet .....	72 102+	Sorting .....	209 510+
Marine ways .....	405 2	Beveling pencil sharpener .....	144 28.2	Tester .....	73 432.1
Pipe and cable laying .....	405 154.1+	Binding and covering .....	29 243.58	Candling .....	356 52+
Ship caissons .....	405 12+	Binding or protector		Electrical .....	324
Stable structures in shifting media .....	405 229	Skirt garment .....	2 222	Specific gravity .....	73 32 R
Marine structures .....	405 195.1	Coating method .....	427 284+	Treatment .....	426 614
Tunnel .....	405 132+	Curling by bending rolls .....	72 102+	Altering normal development .....	119 6.8
Underground fluid storage .....	405 53+	Cutter .....	83 425.2+	Turner .....	99 644
Water control .....	405 52+	Fabric bed bottom .....	5 192	Implement .....	294 7+
Excavating .....	37	Flanging metal .....	72 352+	Incubator tray type .....	119 323+
Getter for lamps etc. ....	252 181.7	Grinding lenses (see templet)		<b>Ejecting or Ejector</b>	
Grounds .....	174 6+	Guarded cutting		Article dispensing magazine with .....	221 208+
Hazardous or toxic waste containment .....	405 129.1+	Cutlery .....	30 286+	Stacked card or sheet .....	312 50+
Induction compass .....	33 361+	Manicure cutlery .....	30 27	Bale .....	100 218
Metals preparation		Razor .....	30 51+	Bobbin and cop winding with .....	242 473.9
Electrolytic .....	204 194+	Hand gardening tool .....	172 371	Boiler blowoff .....	122 384
Pyrometallurgy .....	75 605+	Design .....	D08 1+	Conveyor bucket discharging .....	198 703+
Mining of in situ disintegration of hard material .....	299	Indenting shoe sole .....	12 32	Convolute winding .....	242 533+
Planting .....	111	Knitted garment antiravel portion .....	66 172 R+	Cowl ventilator outlet .....	454 39+
Pulse or digital communications .....	375 218	Mattress .....	5 739	Windvane .....	454 22+
Roadway stabilization .....	404 76	Panel e.g. table top .....	52 782.2+	Cutlery combined with material .....	30 128
Sciences computerized, monitored ..	702 2+	Resilient strip .....	52 800.1+	Embalming .....	27 24.1
Stabilizing for mining .....	299 11	Retainer .....	52 764+	Envelope machine with .....	493 268
Transmission teledynamic systems ..	455 68	Reinforcing		Firearms .....	42 25
Unearthing plants or buried objects ..	171	Laminated strand .....	156 166	Upward tilting breech .....	42 47+
Wells .....	166	Metallic container .....	220 640+	Fluid sprayer with collapsible holder .....	239 328
Working .....	172	Runner mill comminutor .....	241 107+	Furnace smoke box spark .....	110 127
<b>Earthenware</b>		Serrating		Grain binder with .....	56 449
Apparatus for shaping .....	425	Paper box making .....	493 56+	Ingot strippers .....	164 405
Decorating .....	427 256+	Tool sharpener .....	76 89.1	Jet pump .....	417 151+
Final coating nonuniform .....	427 269	Stays pivoted .....	24 267	Mechanism for key .....	70 388
Nonuniform coating .....	427 287	Tool clamp for abrading .....	451 367+	With key operating mechanism ....	70 414
Plural nonuniform coating .....	427 266	Trim strips .....	52 716.1+	Medicator gas .....	604 23+
Glazing apparatus .....	118	Trimming stock for apparel .....	428 122+	Metal castings .....	164 344+
<b>Earthing (See Grounds Electric)</b> .....	174 6+	Upholstery trim .....	428 123	Molds with fluent hardening material forming .....	249 66.1+
<b>Earthquake Proof Construction</b> .....	52 167.1	Winding flat wire .....	72 135+	Plastic forming .....	425 422
<b>Earthquake Recorders</b> .....	346	Wire fabric .....	245 10	Plastic forming .....	425 436 R+
Seismographs		<b>Edgewise Sheet-Metal Bender</b> .....	72 411	Type casting .....	199 80+
Electrical .....	367 115	<b>Edible Foodstuffs</b> .....	D01	Movable dispensing pockets with .....	222 216+
Mechanical .....	181	Container holder, edible .....	D01	Parachute flare carrying .....	102 340
<b>Earthworking</b> .....	172	<b>Education and Teaching</b> .....	434	Phonograph record holder .....	312 9.11+
Excavating .....	37	Appliance design .....	D19 59+	Plastic die expressing with .....	425 381.2
<b>Earthworm Agitator</b>		Artificial intelligence .....	706 927*	Pottery machines with .....	425 263+
Electric		Blocks & cards .....	434 403+	Pottery machines with .....	425 459+
Earth grounds .....	174 6+	Cryptography .....	434 55+	Power plant exhaust treatment .....	60 685+
Electrocuting .....	43 98+	Display panel, chart, or graph .....	434 430+	Punch implement .....	30 368
Prods .....	47 1.3	Erasable surfaces .....	434 408+	Punch press .....	83 123+
Trapping .....	43 58+	Keyboard operation .....	434 227+	Pyrotechnic device with article .....	102 357
<b>Earvent or Drain</b> .....	606 109	<b>Effervescent Tablets</b>		Rocket .....	102 351
<b>Easel</b> .....	248 441.1+	Medicine .....	424 43+	Receptacles	
		<b>Egg</b>		Dispensing type .....	222
		Beater .....	366 343+	Non refillable bottles .....	215 16
		Breaker or cracker .....	99 568+	Pocket safes or ticket cases .....	221 208+
		Candling .....	356 52+		

Class Subclass		Class Subclass		Class Subclass	
Receptacle filling charge .....	141 249	With fluid or vacuum .....	174 28+	Engine starting motor systems .....	290
Saliva .....	433 91	Coil winding .....	242 430+	Motor per se .....	310
Self unloading vehicles with .....	414 506	Compositions		Equipment, design .....	D13
Sewing machine bobbin .....	112 180	Conductive or emissive .....	252 500+	Exercise device related .....	482 1+
Sheet cutting dies with blank .....	83 123+	Computer controlled, monitored item	700 286+	Eye (see photoelectric)	
Sheet cutting dies with blank .....	83 652+	Computers & data processing systems	703	Fan .....	310 40.5
Sheet metalware die shaping with .....	72 344+	Condensers (see condenser) .....	361 271+	Guards .....	416 247 R
Ship bilge discharge .....	114 184+	Making .....	29 25.41+	With body motion .....	310 40.5
Special tools .....	29 700+	Conductor (see conductor)		Fault isolating safety systems .....	361 1+
Stereotype casting device with ...	164 145	Conduits and tubes .....	174	Fault location .....	324 512+
Tobacco smoking device with .....	131 182+	Insulators .....	174	Fault testing .....	324 500+
Type casting mechanisms		Making or joining .....	156 47+	Fence .....	256 10
integral line with .....	199 60+	Running lengths .....	219 85.1+	Insulator .....	174 137 R+
Type setting machine with .....	276 12+	Structure .....	174	Filter (see filter, electric)	
<b>Elastic (See Spring)</b>		Transmission to moving object .....	191 1 R	Fire starting device .....	D07 416+
Band guns and projectors .....	124 17+	Transmission to vehicles .....	191	Flashlight .....	362 208
Electrical cord .....	174 69	Conduits & housing (see conduits)		Fluid heater .....	392 311+
Extension devices .....	267 69+	Electrical service meters .....	361 659+	Fluid motor system incorporating	
Fabric (see fabric) .....	442 182+	Housed switchboards .....	361 601+	electrical system .....	60 911*
Bed bottom .....	5 186.1+	Outlet or junction box type .....	220 3.2+	Furnace .....	373
Fastener, elastometric .....	269 907*	Pipe joints .....	285	Fuses .....	337 142+
Shoe upper .....	36 51	Pipes .....	138	For explosives .....	102
Stocking .....	2 239+	Structure .....	174	In arc lamp .....	314 10+
Knitted .....	66 178 A+	Connectors (see connection) .....	439	In lamp or electronic tube .....	315 74+
Surgical .....	602 62+	Design .....	D13 133+	Gas & liquid contact apparatus .....	261 DIG. 80
Strand .....	57 200+	Winding by orbital guide .....	242 442	Geiger muller counter .....	250 374+
Core covering processes .....	57 3+	Winding by rotating connector .....	242 439+	Geiger muller counter .....	313 93
Covered core .....	57 225	Winding implement .....	242 442	Generation .....	310
Making by spinning twisting .....	57 3+	Wire nuts .....	174 87	In lamp or electronic tube .....	315 55
<b>Elbow</b>		Contact (see contact, electrical)		System .....	322
Bending .....	72 369	Contact brush		Generator (see generators) .....	310
Conduit electric .....	174 81	Making by plastic operation .....	264 104+	Bicycle driven with lamp .....	362 193
Coupling pipe .....	285 179+	Making methods .....	29 826+	Nonelectric prime mover driven ..	290
<b>Electret</b>		Motor or generator .....	310 248+	System .....	322
Gas separation .....	55 DIG. 39	Moving arc lamp electrode .....	314 129	Generator control .....	322 44+
Making .....	29 886	To moving object or vehicle .....	191	Polarity control .....	322 5+
Static information storage .....	365 146	Contact metal .....	75	Power transmitting	
Telephone transmitter .....	381 173	Composite .....	428 929*	mechanism control .....	322 40+
<b>Electric &amp; Electricity</b>		Container for removable components	206 701+	Generator systems .....	322
Actuation of artificial body member.	623 24+	Control of dispensers .....	222 52+	Automatic control .....	322 11
Amplifiers .....	330	Interlocked with discharge		Automatic control .....	322 17+
Apparatus, demonstrating .....	434 379	guide or support .....	222 75	Excitation control .....	322 59+
Arc (see arc, electric)		Controller (see control or		Piezoelectric .....	322 2 R
Bandaging .....	602 2	controller, electric)		Gyroscopic compass .....	33 324+
Batteries		Conversion systems .....	363	Heating .....	219
Battery & condenser charging &		Current conversion .....	363 13+	Distillation processes	
discharging .....	320	Frequency conversion .....	363 157+	Paratory .....	203
Boxes for .....	429 96+	Phase conversion .....	363 148+	Thermolytic .....	201 19
Electro chemical .....	429	Cooking by current through food .....	99 358	Electrothermic metallurgy .....	75 10.1+
Thermo electric or photoelectric ..	136	Cooling produced by .....	62 3.1+	Gas generator retort .....	48 103
Bearings, magnetic supports .....	310 90.5	Cord		Incubator type heater .....	236 3
Bells .....	340 392.1+	Storing .....	191 12 R+	Knife .....	30 140
Binding posts .....	439	Course control .....	244 175+	Metal treatment .....	148 566+
Terminal boards .....	439 709+	Current distribution .....	307	Metal working with .....	29 DIG. 13
Blankets and pads .....	219 212	Current producing apparatus,		Static mold .....	249 78
Block signaling systems for		product, process .....	429	Thawing pipes and freeze	
railways .....	246 20+	Demagnetizers .....	361 267	protection .....	138 33
Board games .....	273 237+	Depilatories .....	606 43	Track sanders .....	291 20
Boiler .....	392 441+	Design .....	D13	High frequency medical .....	607 154+
Boiler .....	392 325+	Air conditioning .....	D23 351+	Igniter with burner (see igniter) ..	431 258+
Brake		Clocks .....	D10 1+	Ignition, internal combustion	
Electrically operated .....	188 158+	Fan .....	D23 370+	engine .....	123 143 R+
Frictionless .....	310 92+	Heating .....	D23 314+	Impulse generator	
Bridge networks .....	323 365	Lamps .....	D26	Condenser discharge .....	320 166
Wave filter .....	333 170	Measuring testers .....	D10 75+	Dynamoelectric .....	310 10+
Cabinet combined with electrical		Medical xray .....	D24 158	Electromagnetic periodic switch ..	335 87+
features .....	312 223.1+	Photo chemical etching .....	430 313+	Gas tube relaxation generator .....	331 129
Cable (see cable, electric) .....	174	Soldering iron .....	D08 30	Miscellaneous electronic device	
Composite cable molding .....	425 505	Diagnostics medical .....	600 300	system .....	327 291+
Connections or joints .....	174	Distribution .....	D13	Nondynamoelectric .....	310 300
Forming tool .....	7 107+	Distributor (see distributor,		Periodic switch .....	200 19.01+
Support .....	248 49+	electric)		Radar system .....	342 175+
Candlelabrum .....	D26 24+	Door or gate .....	49 59	Relaxation oscillation generator ..	331 143
Capacitor devices .....	361 271+	Drill .....	30 500	Signal transmitters .....	341 173+
Car propulsion systems .....	104	Electrical device making processes ..	29 592.1	Supplied to lamp or electronic	
Cell (see cell, electric)		Electrical power conversion systems	363	tube .....	315 289
Chair, eg electrocution .....	607 1+	Electrical systems & devices .....	361	Telegraph system .....	178
Cigar or cigarette lighter .....	219 260+	Electrocardiographs .....	600 510	Telephone call transmitters .....	379
Circuit maker or breaker (see		Electrolytic device .....	361 500+	Transistor relaxation generator ..	331 111
circuit; switch) .....	200	Batteries .....	136	Inductor devices .....	336
Clock .....	368 76+	Chemistry, electrical & wave		Insulation, electrical .....	493 949*
Clutches		energy .....	204	Insulator .....	D13 129+
Electric motor and clutch		Electromagnetic operation .....	335	Interrupter (see interrupter)	
control .....	477	Coating utilizing .....	427 457+	Ionization chamber .....	313 93
Electric operator .....	192 84.3+	Ion plating or implanting .....	427 523+	For nuclear fusion reaction .....	376 100
In automatic type .....	192 40	Electronic tube (see electric		System .....	250 335
Torque transmitting		space discharge devices)		Junction box .....	D13 152
frictionless .....	310 92+	Electrothermally or thermally		Key (see key, electric)	
Coating processes .....	427 58	actuated switches .....	337	Lamp (see lamps, electric) .....	313
Coaxial cable		Electrothermic metallurgical		Consumable electrode arc lamp ..	314
Electronic tube combined with .....	315 39	processes .....	75 10.1+	Display systems, matrix .....	345 73
Transmission lines .....	333 243+	Elevators, electric control .....	187 277+	Display systems, monogram .....	345 44+

Class Subclass		Class Subclass		Class Subclass	
Flash lights	362 208+	Lamp dimmer structure	323 905*	Mechanically actuated, general	200
Heaters using	219 552+	Medical electronics	323 911*	Pencil sharpener	
Lamp systems	315	Optical coupling to		pencil actuated	144 28.5
Making	445	semiconductor	323 902*	thermally actuated	337
Making glassworking machine	65 152+	Precipitators	323 903*	Synthetic resin or natural rubber	
Making glassworking processes	65 36+	Remote sensing	323 909*	formation	521 915*
Making miscellaneous	445	Solar cell systems	323 906*	Teaching	434 301
Repair apparatus	445 61	Starting circuits	323 901*	Terminals (see terminals, electric)	
Repair methods	445 2	Temperature compensation of		Tester	324
Signs, multiple function	40 553+	semiconductor	323 907*	Testing devices (see testing)	324
Lead frame stock	428 572	Touch systems	323 904*	Nonelectric test	73
Leyden	361 301.1+	Two of three phases regulated	323 910*	Engine	73 35.01
Line (see line, electric)		Precipitator	96 15+	Sensor	73 35.07
Liquid purifier insulating or		Distillation processes &	201 19	Radiant energy using	250
discharging	210 243	Distillation processes &	201 40	X ray using	378
Magnetic surgery	600 9+	Processes	95 57+	Time internal measurements	368 114+
Magnetically operated switches,		Preserving, disinfecting,		Electrical	324 160+
magnets, & electromagnets	335	sterilizing methods	422 22+	Toothbrush	D04 101
Massage	601 46+	Food or beverage	426 237	Toys	446 484+
Mattress, flexible heater element	219 549	Apparatus	99 451	Telephones	446 142
Measuring & testing	324	Fumigator with electric fan	422 124	Train dispatching systems	246 2 R+
Instruments, design	D10 46+	Prime-mover dynamo plants	290	Transformation	D13
Medical and surgical treatment	607 1+	Printed circuits	361 679+	Transformers	336
Medicators	604 20+	Prod	231 7	Transmission or interconnection	
Melting furnace	373	Production	D13	systems (see transmission)	307
Glass	373 27	Protection (see protection,		Transmission to vehicles or	
Meter (see meter, electric)	324 76.11+	electric)		moving object	191
Coin controlled	194	Public utility meter	D10 100	Elevator	187 413
Recording	346	Radio tube (see electric space		Moving arc lamp	314 129
Miscellaneous	361	discharge devices)		Tube (see tube, electric)	
Miscellaneous electron space		Radioactive surgery	600 1+	Tuners	334
discharge device systems	327	Rail bonds	238 14.1+	Valve (see electric space	
Miscellaneous non-linear reactor		Recorder	346	discharge devices)	
systems	307 401+	Electrochemical	347 163+	Valve actuation	261 DIG. 74
Miscellaneous non-linear solid		Lock indicator	70 434	Vehicle	
solid device circuits	327	Photographic oscillograph	346 107.3+	Locomotive	105 49+
Motive power (see motor, electric)	310	Spark perforating	347 161	Locomotive generating electric	105 35+
Aircraft control actuator	244 175+	Rectifier		Motor vehicle	180 65.1+
Arc electrode actuator	314 69+	Electrolytic	361 436+	Vibrator	
Arc electrode actuator	314 94+	Electronic tube type structure	313	Electric switch	335 87+
Automatic miscellaneous	318 445+	Supplying electronic tube or		Massage	601 46+
Generating electric locomotives	105 35+	lamp	315 200 R+	Rectifying system	363 110+
Induction motors	310 166+	Supplying radio	327 531+	Voltage magnitude control systems	323
Induction motors systems	318 727+	Systems	363 13+	Current regulation	323
Interchangeably locked gearing		Relay (see relay, electric)		Electronic tube with	323 291
operator	74 365	Resistor devices (see resistance)	338	Impedance systems	323 293
Ironing or smoothing machine	38 38+	Rivet heaters	219 157	Saturable reactor	323 249
Lock operating mechanism	70 277+	Safety devices (see safety devices)		Tap changing	323 255
Locomotives	105 49+	Score boards	235 1 B	Transformer systems	323 247
Motor acceleration	388 842+	Timing type	340 309.16	Wheatstone bridge	323 293
Motor braking	318 362+	Shock apparatus (see shocker)		Wall plug, outlet	439
Motor making processes	29 596+	Cattle goad	231 7	Design	D13 138.1+
Motor reversing	318 280+	Electric chair	128 898+	Watches	D10 30+
Motor vehicle	180 65.1+	Fences	256 10	Wave analysis	324 76.12+
Piezoelectric	310 311+	Hazard prevention systems	307 326+	Wave guide	333 239+
Planetary gearing combined	475 149+	Patient protection from shock	128 908*	In cathode ray tube	315 3+
Plural motor control	318 255+	Practical joke or initiation		In electronic tube	315 39+
Plural motors	318 34+	ceremony	472 56	Wave resonator	333 219+
Potentiometer controller	D13 125	Preventing shock	174 5 R	In cathode ray tube	315 4+
Reciprocating motor systems	318 119+	Preventing shock	361 212+	In electronic tube	315 39.51+
Speed control	388 800+	Surgical	607 1+	Wave transmission lines & networks	333
Steering gear operator	180 443	Therapeutic application	607 115+	Weighing scales	177 210 R+
Synchronous motor systems	318 700+	Trawl net fish control	43 9.6	Welding apparatus	D15 144
Systems	318	Signaling, electric (see signal)	340	Whistles	340 404.1+
Textile twisting apparatus	57 100	Noise suppression in signal	128 901*	Wire (see wire, electric)	
Time controlled locks	70 271	Radio	455	Wire nuts	174 87
Toy machinery	446	Railway	246	Wireless power transmission to a	
Toys	446 484	Telegraph	178	radio receiver	455 522
Vehicle	446 457	Telephone	379	Motors having	318 16
Vehicle	D13 112+	Television transmission	348 469+	Radio receiver	455 343.1+
Motor generators	310 113	Vehicle mounted	340 425.5+	Vehicles having	191 10
System	322	Socket (see socket, electric)		Wiring systems	307
Motors alternating current	310 159+	Soldering	219 129	<b>Electric Control Systems</b>	
Music instrument	84 600+	Iron	219 245+	Alarm signal	340 500+
Nail hammers	227 131	Iron design	D08 30	Annunciators	340 815.4+
Needle	606 44	With pressure	219 85.1	Antihunting	
Oil well tubing dewaxer	392 301+	Space discharge device (see radio;		Generator systems	322 19
Organ (see organ, electric)	84 600+	space discharge device;		Motor systems	318 448
Orthopedics	602 4+	television)		Motor systems synchronous	318 702
Oscillators	331	Spark perforating	219 384	Battery condition responsive	320
Outlet box support	248 906*	Recorder	347 161	Coded record sensors	235 433+
Oven	219 391+	Steering motor system	318	Computer controlled, monitored	700 286+
Packaging for removable components	206 701+	Sterilizing and pasteurizing		Current responsive	
Pencil sharpener	144 28.1+	Apparatus	99 451	Battery charging systems	320
Phase control systems	323 212	Methods	426 237+	Electronic tube voltage	
Photography, electric	430 31+	Stove	219 392+	magnitude control systems	323 291+
Plant culture	47 1.3	Super conductor metal	75	Generator systems	322 23+
Plasma control	376 143	Composite	428 930*	Generator systems	322 27
Plug (see plug, electric)		Surgical instruments	606 32+	Impedance voltage magnitude	
Power conversion systems	363	Surgical receptors	604 20+	control systems	323 293
Power supply or regulation systems	323	Switches (see switch, electric)	200	Motor systems	318 474+
Inrush current limiters	323 908*	Magnetically operated	335	Motor systems	318 478

Class Subclass		Class Subclass		Class Subclass	
Motor systems acceleration	388 847	circuit	318 799+	Carbon saver	313 335
Motor systems braking	318 367	Motor systems plural motors	318 59+	Cathode making	445 46+
Motor systems speed control	388 823	Motor systems plural motors	318 66+	Wire shaping	140 71.5+
Motor systems synchronous	318 714	Motor systems speed control	318 257+	With assembly	445 35
Field winding circuits	318 717	Motor systems speed control	318 268+	Coating	427 58+
Motor systems ward leonard	318 144	Motor systems speed control	388 800+	Collector rings dynamoelectric	310 232
Voltage magnitude control systems	323	Motor systems synchronous	318 715	Collector transmission to vehicle	191 45 R+
Direction responsive	340	Armature winding circuits	318 721	Commutators dynamoelectric	310 233+
Motor systems	318 489	Field winding circuits	318 719	Condenser	361 271+
Display systems	345 +	Motor systems ward leonard	318 146	Cooking apparatus	99 358
Electric sign, matrix	345 55	Motor systems ward leonard	318 147	Electrical apparatus used to separate or purify liquid	204 660+
Electric sign, monogram	345 33+	Synchronization	375 356+	Electrical connector for	439
Error detector/corrector	714	Telegraph systems	178	Chuck or socket	279
Fluid level responsive		Telephone	379	Clasp	403 344
Alarm signal	340 618+	Television	348 61+	Carbon electrode	403 DIG 5
Motor systems	318 481	Thermally responsive		Interfitted members	403 345
Fluid pressure responsive		Alarm	340 584+	Mechanical rod joint	403
Alarm signal	340 626+	Battery charging systems	320 150+	Electrical precipitator	96 15+
Battery charging systems	320	Electric heater systems	219 482+	Processes	95 57+
Generator systems	322 35	Generator systems	322 33+	Electroanalysis	600 345
Motor systems	388 929*	Impedance voltage magnitude control systems	323 294	Electrolytic chemical apparatus	204 193+
Motor systems	318 481	Motor systems	318 471+	Composition	204 291+
Moisture responsive		Motor systems acceleration	388 934*	Liquid electrode	204 219+
Motor systems	318 483	Motor systems speed control	388 934*	Structure	204 280+
Motion picture change over	352 135	Signal system	340 584+	Supports	204 297.01+
Multiplexing	370	Time or time delay responsive		Electrolytic condenser	361 500+
Musical instrument	84	Battery charging systems	320 +	Electrolytic rectifier	361 436+
Ordance control data	235 400+	Generator systems	322 18	Electronic tube element	313 326+
Position or movement responsive		Motor systems	318 364	Electrophoretic or electro osmotic	204 600+
Motor systems	318 265+	Motor systems	318 447	Electrophotographic charging	399 168+
Motor systems	318 466+	Motor systems	318 452+	Electrophotographic development	399 222+
Motor systems braking	318 369	Motor systems	318 484+	Electrothermic processes	75 10.1+
Motor systems follow up	318 560+	Motor systems acceleration	388 858	Consumable metal electrode	75 10.23+
Motor systems reciprocating	318 127	Motor systems braking	388 921+	Filament making (see cathode)	
Motor systems reversing	318 282	Motor systems induction	318 727+	Food treating apparatus	99 451
Motor systems reversing	318 286	Starting	318 778+	Formed as inductive impedance	
Motor systems synchronous	318 715	Motor systems reversing	318 283+	electronic tube	315 40
Armature winding circuits	318 721	Motor systems synchronous	318 700+	Grid making	445 35+
Field winding circuits	318 719	Motor systems ward leonard	318 141+	Wireworking	140 71.5
Positional servo systems	318 560+	Voltage responsive		Heating fluid in circuit	392 311+
Robot	318 568.11+	Battery charging systems	320	Holders	219 138+
Power factor or phase responsive		Generator systems	322 24+	Arc furnace	373 94+
Generator systems	322 20+	Generator systems	322 28	Arc lamp	403
Motor systems	318 437+	Motor systems	318 479	Arc lamp	314
Motor systems	318 438+	Motor systems acceleration	388 847	Igniter internal combustion engine	123 146.5 R
Motor systems induction	318 729	Motor systems braking	318 368	Igniters	361 247+
Motor systems synchronous	318 700+	Motor systems induction, primary circuit	318 805	With burner	431 264
Motor systems synchronous	318 700+	Motor systems speed control	388 822	Immersible electrode in liquid level gauge	73 304 R
Phase control systems	323 205	Motor systems synchronous	318 712+	Ion sensitive	204 416+
Power or load responsive		Armature winding circuits	318 720	Lamp	313 326+
Battery charging systems	320 +	Field winding induced voltage	318 718	Arc composition	252 500+
Generator systems	322 24+	Motor systems terminal voltage	318 459	Arc consumption feed type	314 60
Motor systems	318 474+	Motor systems ward leonard	318 145	Arc structure	313 357
Motor systems acceleration	388 844+	Phase control systems	323 212	Filament composition	252 500+
Motor systems braking	318 366	Voltage magnitude control	323 234	Filament form	313 341+
Motor systems constant load	318 432+	Well bore	340 853.3+	Gas or vapor	313 326+
Motor systems during starting	318 430+	<b>Electric Toothbrush</b>	D04 101	Making	445
Motor systems load limitation	318 434	<b>Electricians Tools</b>	D08	Lightning arresters	361 117+
Motor systems plural motors	318 98+	<b>Electrifying Fluid</b>	361 225+	Magnetic chemical apparatus	422 186.01+
Motor systems speed control	388 930+	<b>Electrocardiograph</b>	600 510	Making	29 592.1
Motor systems synchronous	318 700+	<b>Electrochemistry</b>	205	Battery grid filling	141 32+
Motor systems ward leonard	318 141+	Electrodes for apparatus	205	Battery grid of metal	29 2
Public address	381 82+	Machining	204 224 R+	Coating electron emissive	427 77+
Radiant energy responsive		Processes or apparatus	205	Condenser electrode	29 25.41+
Electronic voltage magnitude control systems	323	<b>Electrocoating</b>	205 80+	Extruding plastic coating apparatus	425 113+
For nuclear reactor	376 215	By cathode sputtering	204 192.1+	Filament wireworking	140 71.5
Generator systems	322 26	By electrophoresis or electro osmosis	204 471+	Plastic operation filament	
Heat responsive test	374 32	<b>Electroculture</b>	47 1.3	Plastic operation method	264 104+
Motor systems	318 480	<b>Electrocution</b>		Medical diagnostic	600 373+
Photoelectric circuits	250 200+	Animal slaughtering	452 58+	Mercury cathode arc lamp	313 328
Special ray circuits	250 336.1	Chair	128 898+	Mercury cathode tubes	313 328+
Rate of change responsive		Trap	43 98+	Mercury vapor lamps	313 326+
Electronic tube voltage magnitude control systems	323	Insect	43 112	Metal for arc lamps	313 328
Generator systems	322 19+	<b>Electrode</b>		Metal heating	219 119+
Motor systems	318 456+	Anode making	445 46+	Arc	219 145.1+
Robot	700 245+	With assembly	445 35+	Work holders	219 138+
Signal	340	Arc furnace	373 88+	Microphone	381 433+
Alarm	340 500+	Arc lamp	314	Nernst glower	313 326+
Thermal control	340 584+	Composition	252 500+	Composition	252 500+
Vehicle mounted	340 425.5+	Structure	313 357	Ozonizers	422 186.07+
Sound or mechanical vibration responsive motor systems	318 128	Battery, electro chemical	429 209+	Perforating recording spark	347 161
Speed responsive		Battery, thermo or photoelectric	136	Pressure or vacuum furnace	373 60+
Battery charging systems	320	Brush and holder	310 239+	Arc furnace with internal atmosphere control	373 68
Generator systems	322 29+	Brushes	310 248+	Arc furnace with internal atmosphere control	373 77
Motor systems	318 461+	Carbon			
Motor systems braking	318 369	Composition for	252 502+		
Motor systems dynamic braking	318 379	Cored	313 354		
Motor systems induction primary		Joint and connection digest	403 DIG. 5		
		Structure	313 326+		

Class Subclass		Class Subclass		Class Subclass	
Radio tube element .....	313 326+	Used in reaction to prepare or treat synthetic resin or natural rubber .....	522 1+	<b>Electronic Still Camera</b> .....	358 909.1*
Selectively permeable membrane .....	204 415			Scanned semiconductor matrix .....	348 294+
Self baked furnace .....	373 60+	<b>Electromagnetic Flowmeter</b>		<b>Electronic Transactions</b>	
Self-baking .....	373 89	Chemical analysis, apparatus .....	422 82.01	Using cryptography .....	705 64
Soderberg electrode .....	373 97	<b>Electrometallurgy</b> .....	75 10.1+	With intelligent token .....	705 65
Spark plug .....	123 169 EL	<b>Electrometers</b> .....	324 76.11+	Balancing account .....	705 68
Sterilizer or pasteurizer .....	426 237+	Chemical analysis, apparatus .....	422 82.01	Detecting double spending .....	705 69
Storage batteries .....	429 209+	Electrostatic .....	324 109	Initializing or reloading .....	705 66
Making .....	29 623.1+	With amplifier .....	324 123 R	With authentication .....	705 67
Paste mixtures .....	429 149+	<b>Electron (See Electric; Space Discharge Device)</b>		<b>Electronic Tube (See Electric Space Discharge Device)</b>	
Surgical .....	128 849	Apparatus for treating with .....	250 492.1	Acorn type .....	313
Guide means .....	606 129	Beam .....	430 942*	Battery type .....	313
High frequency therapy .....	607 154+	Beam tube amplifier systems .....	330 44+	Bias supply .....	327 530+
High frequency therapy .....	600 13+	Counter .....	250 472.1	Gas tube system .....	315
Instruments .....	606 32+	Electron spin resonance testing .....	436 173	Power packs .....	307 150
Tip cleaner for .....	314 23	Emissive coating .....	427 77+	Rectifier system .....	363 117+
Welding .....	219 145.1+	Microscope .....	250 311	Voltage divider .....	307 15
<b>Electrodeposition</b> .....	205 +	Multipliers		Voltage regulation .....	363 117+
Laminating combined .....	156 150+	Amplifier systems .....	330 42	With voltage regulation .....	363 111+
Metals .....	205 +	Photomultipliers .....	313 523+	Interelectrode capacitance testing .....	324 409+
<b>Electrodynamometers</b> .....	324 144+	Systems .....	327 573	Metal type .....	313 248
Electromagnetic brake .....	310 92+	Tube structure .....	313 103 R+	Metal envelope as electrode .....	313 246+
<b>Electroencephalograph</b> .....	600	Optics		Miniature .....	313
<b>Electroetching</b> .....	205 640+	Tube structure .....	313 441+	Mixer .....	313 300
<b>Electroforming</b>		Ray tube .....	313 107.5	Pencil type .....	313
Molds or strip plates .....	204 281	Tube .....	D13 180	Ruggedized .....	313
Processes .....	205 67+	Twin indicator .....	313 107.5	Subminiature type .....	313
<b>Electroliers</b> .....	362 405+	With current connections .....	315 382.1	<b>Electronic Watermark</b>	
<b>Electroluminescent</b>		<b>Electronic &amp; Electronics (See Electric, Radio, Television, Wave Energy)</b>		To prevent copying of business .....	705 58
Stock material .....	428 917*	Auctions .....	705 37	data distribution .....	705 58
Type face design .....	D18 26	Cabinet ventilation .....	454 184	<b>Electrooptical</b>	
<b>Electrolysis</b> .....	205	Compositing system .....	348 578	Batteries .....	136 243+
Hazardous or toxic waste destruction .....	588 301+	Computer controlled, monitored item .....	700 286+	Cathode ray tube system .....	315 1+
<b>Electrolytes</b> .....	205	Cooker .....	99 358	Cathode ray tubes .....	313 441+
Battery .....	429 188+	Funds transfer .....	705 39	Diagnostic lamps .....	600 249
Circulation .....	429 51	Requiring authorization .....	705 44	Illuminated signs .....	40 541+
Condenser or rectifier .....	252 62.2	To pay bills .....	705 40	Lamps .....	313
Conductivity tester .....	324 438+	Using an atm .....	705 43	Light sensitive circuits .....	250 206+
Drain .....	429 95	With paper check handling .....	705 44	Electric lamp control .....	315 149+
Feeding control .....	429 63	With programmed portable memory .....	705 41	Musical instrument .....	84 639+
Fuel cell		device .....	705 41	Photocell	
Solid .....	429 30+	Negotiation, using cryptography .....	705 80	Battery type .....	136 243+
Moveable means .....	429 70	Price label .....	705 20	Electronic tube type .....	313 523+
Non movable means .....	429 81	Heating		Phosphor screen .....	313 525+
Two-fluid .....	429 101	Capacitive .....	219 764	Resistance type .....	338 15+
<b>Electrolytic</b>		Inductive apparatus .....	219 600+	System discharge device control .....	315 149+
Analogue computer .....	235 61 R	Microwave .....	219 678+	Systems .....	250 200+
Apparatus .....	204	Music instrument .....	84 600+	Photographic telegraph recorder .....	178 15
Apparatus and method .....	205	Organs .....	84 600+	Code recorder receiver .....	178 90
Bleaching of organic material .....	205 700	Piano tuning .....	84 454	Photometers .....	356 218+
Fibrous .....	205 690	Receiving tubes .....	313	Recorders	
Circuit controller .....	361 435+	Switch .....	327 365+	Electrochemical .....	347 163+
Cleaning of metal or metal alloy .....	205 705+	Voltage regulation .....	323	Photographic .....	346 107.2
Condenser or rectifier .....	361 500+	<b>Electronic Cash Register (Ecr) (See Point of Sale Terminal)</b> .....	705 16+	Radiant energy .....	365 106+
Electrolyte .....	252 62.2	Calculating tax .....	705 19	Recording or reproducing sound .....	369 100+
Manufacture .....	29 25.01+	Coupon redemption, electronic .....	705 14	Signalling .....	398 1+
Electrodeposition .....	205 80+	For food		Sound recording and reproducing .....	369 100+
Alloys .....	205 238+	Portable .....	705 15	Surgical and medical .....	607 1+
Multiple layers .....	205 170+	Self-ordering by customer .....	705 15	Television .....	348 207.99+
Meters .....	324 94	Tabulating orders of individual .....	705 18	Ultraviolet application .....	250 365+
Processes (and some products) .....	205	Items .....	705 18	X ray tubes .....	378 121
Recorder .....	347 163+	With video screen for order .....	705 15	<b>Electroosmosis or Electrophoresis</b>	
Synthesis .....	205 334+	confirmation .....	705 15	Apparatus .....	204 600+
Tank for determining equipotential lines .....	235 61 R	Multiple, interconnected, and/or .....	705 21	Immuno-electrophoresis .....	436 516
<b>Electromagnet (See Magnet)</b> .....	335 209+	controlled by host .....	705 21	Processes .....	204 450+
Armature and .....	335 220+	Purchase with debit or credit card .....	705 17	<b>Electrophotography Apparatus</b> .....	399
Brake .....	310 93	With inventory monitoring .....	705 22	Chemical processes and materials .....	430 31+
Brake operator and brake .....	188 161+	With monitoring capabilities		<b>Electroplating</b>	
Chemical apparatus .....	422 186.01+	Amount of cash in drawer .....	705 18	Apparatus .....	204 194+
Object protection .....	422 186.02	Inventory .....	705 22	Metal working with .....	29 DIG. 12
Clutch .....	310 92+	Tabulating of orders of items .....	705 18	Processes .....	205 80+
Control for consumable electrode .....	314	Tracking accumulating sales tax .....	705 19	<b>Electropneumatic Action in Organs</b>	
Deflecting arc in lamp .....	313 153+	<b>Electronic Checkbook</b> .....	705 33	Automatic .....	84 88
Electric switch .....	335 2+	<b>Electronic Commerce (See Commerce)</b>		Pipe organs .....	84 338
Handling implements .....	294 65.5	<b>Electronic Funds Transfer</b>		Swells .....	84 347
Liquid separation or purification .....	210 222+	At point of sale terminal .....	705 17	<b>Electropolishing</b> .....	205 640+
Process .....	210 695+	Theft prevention .....	705 18	<b>Electroporation</b> .....	435 173.6
Making methods .....	29 602.1	Using a central clearinghouse .....	705 17	<b>Electroprinting</b> .....	205 52+
Moving consumable electrode .....	314	Verification of pin .....	705 72	<b>Electroscopes</b> .....	324 109
Pickup for musical instrument .....	84 725	<b>Electronic Journal Output</b> .....	705 24	Radiation measuring type .....	250 390.01+
Relay systems .....	361 160+	<b>Electronic Price Label (Epl)</b> .....	705 20	<b>Electrostatic (See Separator, Solids)</b>	
Relay systems switching .....	361 160+	<b>Electronic Purse</b> .....	705 41	Assembly apparatus or process .....	29 900*
Surgical .....	600 9+	Initializing or reloading .....	705 66	Coating .....	118 620+
Switching systems using .....	361 160+	Using cryptography .....	705 65	Control .....	118 671
Systems of supply to .....	361 160+	Balancing account .....	705 68	Gas separator .....	96 15+
Torque device .....	310 92+	Detecting double spending .....	705 69	Processes .....	95 57+
Tuner operated by .....	334 17+	With authentication .....	705 67	Induction generators .....	310 309+
<b>Electromagnetic Energy</b>				Measuring and testing .....	324 327
Used in reaction to prepare inorganic or organic material .....	204 157.15+			Printing using .....	101 DIG. 37
				Spraying .....	239 690+

Class Subclass		Class Subclass		Class Subclass	
<b>Electrosynthesis</b> .....	205 334+	Elevator cable .....	187 348	Method or material for testing treating, restoring, removing	
<b>Electrotherapeutic</b>		Exit door securer with lock .....	70 92	natural teeth .....	433 224
Apparatus .....	607 1	Gear for aircraft water landing .....	244 107	<b>Endoradiosonde</b> .....	600 302
<b>Electrothermic Processes, Metallurgy</b>	75 10.1+	Kits, eg flare, first aid, survival packs .....	206 803*	<b>Endoscope</b>	
Consumable metal electrode .....	75 10.23	Lock release .....	70 465	Diagnostic specula .....	600 101+
Electrical induction .....	75 10.14	Nuclear reactor .....	976DIG. 375+	Surgical cutter .....	606 45
Gaseous treating agent .....	75 10.39	Operating means for closure bolt .....	292 92+	<b>Endosmosis</b> .....	210 649+
Plasma .....	75 10.19	Multiple bolt .....	292 21	<b>Enema, Receptacle for Syringe</b> .....	206 364
Solid treating agent .....	75 10.39	Railway car exits .....	105 348+	<b>Energy Accumulating Means, Motor Vehicle</b> .....	180 165
Volatilization of metal .....	75 10.29	Release for clockwork lock operating mechanism .....	70 274	<b>Engine (See Motor)</b>	
<b>Electrotype</b>		Resilient tires .....	152 152	Air steam .....	60 39.181+
Manufacture of .....	205 69	Signal stations railway train dispatching .....	246 13	Ammonia .....	60 509+
<b>Elevator (See Lifters)</b> .....	187	Uncoupling device for janney type coupling .....	213 160	Externally applied heat with .....	60 644.1
Aircraft control .....	244 75.1+	<b>Emergency Power Sources, Electric</b>		Boring cylinder .....	408 709*
Amusement .....	472 131	Ac dc converter .....	327 531+	Carbonic acid .....	60 509+
Roundabout .....	472 2	Battery		Compound	
Artificial intelligence (see artificial intelligence)		Dry .....	429 163+	Fluid pressure and turbine .....	60 698+
Automobile lift or hoist .....	269 58+	Storage .....	429 149+	Internal combustion engine and ...	60 597+
Bucket .....	198 701+	Dynamotor .....	310 113	Combustion products .....	60 39.01+
Butchering .....	452 178	Electric motor .....	318 17	Fluid pressure .....	60 597+
Caster leg .....	16 32+	Generator .....	310	Turbine .....	60 598+
Catch device .....	187 351+	Generator system, portable .....	322 1	Motive fluid reheater between .....	60 679+
Design .....	D34 28+	With prime mover .....	290	Motors in series .....	60 715+
Disabled individual .....	187 200+	Lighting systems .....	315 86	Multiple expansion chambers .....	91 152+
Door .....	187 313+	Flashlights .....	362 208	Plural pneumatic .....	60 407+
Control .....	187 316+	Generator motor .....	363	Compressed air .....	91
Drying apparatus .....	34 189+	Portable .....	315 33	Demonstrating and teaching .....	434 389
Sheet .....	34 612+	Self-powered lamps .....	362 157	Dental .....	433 103+
Electric control .....	187 277+	<b>Emery</b>		Design .....	D15 1+
Electric motive power .....	187 289+	Wheels .....	451 541+	Ether .....	60 509+
Extensible fire escape type .....	182 63.1+	Disc .....	451 548+	Expandable chamber .....	91
Manual extending means .....	182 67.1+	<b>Emetine</b> .....	546 96	One shot explosion actuated .....	60 632+
Motor extending means .....	182 66.2	<b>Emissivity</b>		External combustion .....	60 39.6+
Fish .....	405 82	Compensated radiation thermometer .....	374 128	Fire .....	169 24
Floating dry dock .....	114 48	Measurement .....	374 9	Fire escape .....	182 63.1+
Floor hatch .....	187 336+	<b>Empennage</b> .....	244 87+	Gas air .....	60 39.19+
Grain storage type .....	52 245+	<b>Emptying (See Discharging)</b>		Gunpowder .....	123 24 R
With material port .....	52 192+	<b>Emulsifying (See Art Use Classes)</b>		Hand crank starter .....	74 550+
Guide .....	187 406+	Bituminous-in-water .....	516 38+	Heat exchanging .....	165 51+
Hanging door wheel mounts .....	16 99	Oil-in-water .....	516 53+	Hot air .....	60 508+
Lighting on steps .....	362 481	Water-in-oil .....	516 22+	Expansion of medium .....	60 516+
Material handling .....	414 592+	<b>Emulsion (See Art Use Classes)</b>		Externally applied heat .....	60 643+
Mortar mixer combined .....	366 26	Biocidal .....	514 937*	Internal combustion engine .....	123
Platform type scaffold .....	182 141+	Bituminous coating .....	106 277	Combustion charge forming .....	123 434+
Power driven conveyor type .....	198	Bituminous-in-water .....	516 38+	Cooling .....	123 41.01
Railway .....	104 127+	Breaking		Design .....	D15 1+
Refrigerated article .....	62 378	Agents for .....	516 135+	Excess air to assist exhaust .....	60 900*
Process .....	62 63	Mineral oil chemical treatment .....	208 188	Exhaust treatment of rotaries .....	60 901*
Refrigerator ice .....	62 379	Combined .....	208 188	Lubricators .....	123 196 R
Screw .....	198 657+	Processes .....	516 135+	Nozzle .....	239 584+
Self loading vehicle .....	414 486+	Cellulose ether or ester .....	106 139.1+	Oil by-pass heat exchange .....	165 283
Shaft closure operators .....	49 68	Fuel .....	44 301+	Oil by-pass heat exchange .....	165 297
Signal or call unit .....	D10 108	Herbicide containing .....	504 363	Pump drive .....	417 364
Skeleton towers metallic .....	52 111+	Oil-in-water .....	516 53+	Refrigeration utilizing .....	62 323.1
With platforms .....	182 141+	Photographic .....	430 495.1+	Rotary piston .....	123 200+
Spiral .....	198 778+	Synthetic resin or natural rubber (see class 523, 524)		Rotary reactor, separator or treater of exhaust .....	60 902*
Store service type .....	186 22+	Water-in-oil .....	516 22+	Speed regulator .....	123 319+
<b>Ellagic Acid</b> .....	549 278	<b>Enamel</b> .....	501 14+	Speed responsive throttle control .....	60 906*
<b>Ellipsograph</b> .....	33 30.1+	Opacifiers for .....	106 312	Temperature measurement .....	374 144+
Flexible cord type .....	33 30.5	<b>Enameling</b> .....	427	Locomotive .....	105 26.05+
Pattern follower type .....	33 30.3	Polymerization of coating utilizing electrical, magnetic, wave, or particulate energy .....	427 487+	Microwave .....	60 203.1
Pivoted circular pattern type .....	33 30.2	Metal working with .....	29 DIG. 14	Muffler for hobby craft engine .....	181 404*
<b>Elongated-Member-driving Apparatus</b>	227	<b>Encapsulation of Material</b>		Plural motors system .....	60 698+
<b>Embalming</b> .....	27 21.1+	Gaseous core .....	521 76	Power plant .....	60
Compositions .....	424 75	Hazardous or toxic waste containment .....	588 249+	Prime mover dynamo plant .....	290
Embalming equipment or apparatus	D24	Liquid core .....	264 4	Pulp refining .....	241
Infusion or evacuation pump .....	D24 111	Using emulsion or dispersion process .....	264 4.1	Reaction motor .....	60 200.1+
Table .....	D24 183	Solid core .....	427 213.3	Signal systems ships .....	116 21
<b>Emblem or Badge (See Medal)</b> .....	D11 95+	<b>Encoder Communicating Switch-Type</b>	318 602	Solar .....	60 641.8+
<b>Embossing (See Impressing; Indenting)</b>	1013.1+	<b>Encryption (See Cryptography)</b>		Starter gearing .....	74 6+
Embossing implement .....	D18 15+	For financial information and .....	705 18	Steam .....	91
Laminating fabrics with .....	156 219+	personal purchases .....	705 18	Design .....	D15 2
Plastics .....	264 293	<b>End</b>		Steam traction .....	180 36+
Tobacco plugs .....	131 111+	Gate .....	160	Strap starter .....	74 139+
Typewriting machines .....	400 127+	Ship dry dock .....	114 47	Testing .....	73 112.01+
Woodworking methods .....	144 358	Vehicle body .....	296 50+	Toy .....	446
<b>Embrittlement Test</b> .....	73 86	Matching woodworking .....	144 91	Valve gear (see valve, actuation)	
<b>Embroidering</b>		Sleeves for electric conductors .....	174 93	Washing machine system .....	60 908*
Sewing machine .....	112 78+	<b>End Effector</b> .....	901 30+	<b>Engineering</b>	
Presser device feature .....	112 236	<b>Endless Belt Conveyor (See Conveyor, Endless)</b>		Artificial intelligence .....	706 932*
<b>Embroidery</b> .....	112 439	<b>Endodontic Apparatus</b> .....	433 81	<b>Engineering Hydraulic and Earth</b> .....	405
Design .....	D05			Hazardous or toxic waste containment .....	588 249+
Hoops .....	38 102.2			<b>Engraving</b>	
Machinery .....	D15 66+			Equipment design .....	D18 57
Packages .....	206 49			Photographic process .....	430 269+
Processes .....	112 475.18+			Plate cutting .....	409 79+
Trimmer cutter .....	83 910*			Printing .....	101 150+
<b>Embryotome</b> .....	606 126				
<b>Emergency</b>					
Closure release .....	49 141				
Draft coupling janney type .....	213 111+				

Class Subclass		Class Subclass		Class Subclass	
Stippling .....	72 76	sharpeners combined .....	15 105.53	Hydrophenanthrene nucleus containing .....	560 5+
Tools .....	30 164.9	Mechanical .....	15 3.53	Cellulose .....	536 58+
<b>Enhancer</b> .....	536 24.1	Ruler combined .....	15 105.51	Nitrogen containing .....	536 30+
<b>Enlargers Photographic</b> .....	355 18+	Sharpener pencil combined .....	15 105.53	Higher fatty acid .....	554 1+
<b>Ensilage Compaction</b> .....	100 65+	Mutilating type and burnisher .....	7 124+	Resin acid .....	530 200+
<b>Enteric Coating of Medicinal Tablets</b> .....	424 475+	Scraper type mutilating .....	30 169+	Free acid .....	560 5+
<b>Entrails Removing</b> .....	452 106+	Shield .....	451 445	Rosin acids .....	530 215+
<b>Entrenching Earthworking Apparatus</b> .....	105 161	Typewriter attachment .....	400 695+	Starch .....	536 107+
<b>Envelope (See Bulb; Casing)</b>		<b>Ergolines</b> .....	546 67+	Nitrogen containing .....	536 48+
Battery plate separator .....	429 136+	<b>Ergometer With Feedback</b> .....	482 900*	Sulfate .....	558 20+
Closures .....	229 76+	<b>Ergosterol</b> .....	552 547+	Tall oil acids .....	530 232
Cutting blank form .....	83 911*	<b>Ergot Alkaloids</b> .....	546 67+	Thiocyanic acid .....	558 10+
Feeding or delivering .....	271 2	<b>Erosion Preventing</b> .....	405 15+	<b>Estradiol</b> .....	552 625
Making .....	493 186+	Mineral oil conversion combined .....	208 47	<b>Estradiol, in Drug</b> .....	514 182
Sealing and stamping combined .....	156 442	<b>Error</b>		<b>Estrene</b> .....	552 642+
Tear strip opener .....	493 923*	Checking, electrical .....	714	<b>Estril</b> .....	552 617
Window .....	493 919*	Arithmetic operations .....	708 530+	<b>Estrone</b> .....	552 625
X-art collection .....	493 917*	Communications synchronization .....	714 798	<b>Estrous Cycle Monitoring</b> .....	600 551
<b>Manifolding</b>		By error rate or count .....	714 707	<b>Etching</b> .....	216 +
Leaf combined .....	462 64+	Data processing systems, general .....	714 1+	Apparatus .....	134
Strip connected .....	229 69	Memory devices .....	714 718+	Bright polishing .....	216 100+
Moistening and sealing .....	156 441.5+	Of data per se .....	714	Composition .....	252 79.1+
Opener .....	83 912*	Program, software .....	714 38+	Differential apparatus .....	156 345.1+
Design .....	D08 102+	Correcting circuit .....	714 746+	Direction indicator combined .....	33 305+
Paper .....	229 68.1+	Correcting storage on typewriter .....	400 6	Electrolytic .....	205 640+
Design .....	D19 3+	Detecting .....	714	Stripping elemental layer from metal or metal alloy .....	205 717+
<b>Environmental Impact or Decreasing</b>		In digital data processing systems .....	714 48	Electrolytic coating combined .....	205 210+
<b>Pollution</b> .....	422 900*	Positional servo systems .....	318 638	Glass .....	216 31+
Hazardous or toxic waste destruction .....	588	Prevention means on communication keyboards .....	341 24+	Glass .....	216 80+
<b>Enzyme</b> .....	435 183	<b>Eryodine</b> .....	546 72	Glass .....	216 97+
Enzyme or microbe electrode .....	435 817*	<b>Erysonine</b> .....	546 72	Glass with glass working .....	65 31
Fruit juice treatment .....	426 51	<b>Erysothiopine</b> .....	546 72	Metal working with .....	29 DIG. 16
Medicinal compositions .....	424 94.1+	<b>Erysothiovine</b> .....	546 72	Photo .....	430 299+
Separation or purification .....	435 814*	<b>Erysothrine</b> .....	546 72	Multicolor printing surface .....	430 301
By sorption .....	435 815*	<b>Erysovine</b> .....	546 72	Resist (etching) .....	216 41+
Ignition, internal combustion .....	435 816*	<b>Erythraline</b> .....	546 48	Semiconductor .....	438
Tobacco treatment .....	131 308	<b>Erythramine</b> .....	546 48	Semiconductor photoetching .....	430 313
<b>Epaulet</b> .....	2 246	<b>Erythratine</b> .....	546 48	Sputter etching .....	204 192.32
Badge type .....	40 1.5+	<b>Erythritol</b> .....	568 853+	<b>Ethanol (See Alcohol)</b> .....	568 840+
<b>Epdm (See Synthetic Resin or Natural Rubber)</b>		<b>Erythroline</b> .....	546 66	Beverages containing .....	426 592+
<b>Ephedrine</b> .....	564 364	<b>Erythromycin</b> .....	536 7.2+	Dehydrating .....	203 19
In drug .....	514 653	<b>Escalator</b> .....	198 321+	<b>Ethers</b> .....	568
<b>Epicycle</b>		Design .....	D34 30	Cellulose .....	536 84+
Land vehicle occupant propelled .....	280 207	<b>Escape</b>		Nitrogen containing .....	536 43+
Railway		Acetylene generator automatic safety .....	48 56	Cyclic hetero-o-type .....	549 200+
Drive wheel .....	105 100	Fire .....	182	Oxy .....	568 579+
Wheel .....	295 3	Endless conveyor .....	182 42+	Phenol .....	568 630+
<b>Epicyclic Gearing</b> .....	475	Single strand stile or pole .....	182 189+	Thio .....	568 38+
<b>Episcope</b> .....	353 65	Tower or chute .....	182 48+	Vinyl .....	568 687+
<b>Episcotister</b>		Gas holder high pressure safety .....	48 175	<b>Ethers, Crown</b> .....	549 347+
Light valve .....	359 196+	Submarine .....	114 323+	<b>Ethyl</b>	
Photometer .....	356 217	<b>Escapement</b>		Acetate .....	560 265
<b>Epon T M (See Synthetic Resin or Natural Rubber)</b>		Clock and watch structure .....	368 124+	Cellulose not plastic .....	536 100+
<b>Epoxide Resin (See Synthetic Resin or Natural Rubber)</b>		Clock electric driving type .....	368 131	Formate .....	560 265
<b>Epoxy Compounds</b> .....	549 512+	Clock electric driving type .....	968 496+	Nitrite nitrous ether .....	558 488
<b>Equalized and Equalizing</b>		Electrode feed .....	314 82	<b>Ethylene (See Olefin Hydrocarbon)</b>	
Animal draft .....	278 3+	Gong striker .....	116 161+	Ethylene diamine tetraacetic acid .....	562 566
Horses abreast .....	278 5+	Mechanical clocks .....	968 95+	Glycol .....	568 852
Animal powered sweep .....	185 22	Meter electric .....	324 139	Polymer .....	526 352
Bed bottom .....	5 278	Motor .....	74 1.5	Synthesis .....	585 500+
Brake position adjusters .....	188 204 R	Motor composite with .....	185 5	By cracking .....	585 648+
Dumping vehicle hopper door closing .....	298 37	Motor spring with .....	185 38	Urea .....	548 316.4+
Extension table .....	108 87	Motor weight with .....	185 31	<b>Ethylenic Monomers</b>	
Hot air furnace .....	126 105 R	Music leaf turner .....	84 498+	Solid polymer solely therefrom .....	526 72+
Locomotive .....	105 82	Testing in clocks .....	968 760	<b>Etiocolanic Acids</b> .....	552 610+
Railway brake series .....	188 46	Type casting machine .....	199 23	<b>Eucalyptol</b> .....	549 397
Railway motor torque .....	105 135	Typewriter feed mechanism .....	400 319+	<b>Eudiometers</b> .....	73 23.2+
Railway truck .....	105 209	Typewriter line locks .....	400 672+	<b>Eugenol</b> .....	568 652
Bogie .....	105 194	<b>Escutcheon</b> .....	D08 350+	<b>Euphoniums</b> .....	84 402
Sectional cabinet closure .....	312 110	Bushings or lining thimbles .....	16 2.1+	<b>Eurhodines</b> .....	544 347+
Serial valves dependent motion .....	137 613+	Covers or face plates .....	220 241	<b>Eutectic, Refrigeration Utilizing</b> .....	62 430+
Direct response .....	137 512+	Design .....	D08 350+	Automatic .....	62 139
Stop .....	137 629+	Electrical apparatus .....	174 66+	Process .....	62 59
Trolleys for single rail suspended car .....	105 152	Fluorescent or phosphorescent apparatus .....	250 466.1	<b>Evacuated Chamber</b>	
Vehicle fender car and truck .....	293 14	Design .....	D08	Means to introduce material into .....	414 217+
Vehicle running gear frame .....	280 104	Door knob handle or rose plate .....	292 357	Means to seal chamber .....	414 292
<b>Equatorial Telescope</b> .....	359 430	Fluid handling .....	137 377+	<b>Evacuating Receptacles</b> .....	141 65
<b>Equilin</b> .....	552 625	Key operated lock .....	70 452	Air displacement in filling receptacles .....	141 59
<b>Eraser</b> .....	15 424+	Pipe joint .....	285 46	Successive receptacles .....	141 65
Abradant type mutilating .....	451	Radio plate for .....	D14 257	Apparatus .....	141 65
Blackboard .....	15 208+	Television, plate for .....	D14 239	Electric lamp etc manufacture .....	445 38+
Blade type .....	30	Wall outlet with .....	D13 137.1+	Apparatus .....	445 73
Design .....	D19 53+	<b>Espalier</b> .....	D25 100	Combined operation methods .....	445 56+
Disintegrable type .....	15 424+	<b>Esr, Electron Spin Resonance</b> .....	436 173	Methods .....	445 53+
Brush combined .....	15 105.52	<b>Essential Oil</b> .....	512 5	Food preserving .....	426 404+
Cutter e. g., pencil		Biocides containing .....	424	Storage receptacle .....	99 472
		<b>Esters</b> .....	260	Gas filling combined .....	141 66
		Carboxylic acid .....	560 1+	Hermetic closing of filled receptacle, method .....	53 403+

Class Subclass		Class Subclass		Class Subclass	
Radiant energy tubes.....	313 553+	Animal.....	119 702+	Joists (see device incorporating)	
Having heating means.....	313 549	Arm wrestling.....	482 905*	Liquefied gas fuel as refrigerant.....	62 7
<b>Evaginated Shoe</b> .....	12 142 A	Devices.....	482	Mandrels.....	269 48.1
Sole attaching means.....	36 17 A	Adjustable.....	482 908*	Chuck.....	279 2.01+
<b>Evaluation</b>		Breathing improvement.....	482 13	Lathe work mount.....	82 169
Job performance of employees.....	705 11	Ergometer with feedback.....	482 900*	Winding reeling device.....	242 571+
<b>Evaporator</b>		Field sports.....	482 14+	or unwinding.....	242 407.1
Boiler.....	122	Having computer circuitry.....	482 901*	Metal making.....	29 6.1
Cabinet combined.....	312 31.1+	Having mechanical indicator.....	482 909*	Article.....	428 596+
Concentrating.....	159	Home furnishing attached.....	482 904*	Orthodontic.....	433 7
Spray type.....	159 3	Home structure attached.....	482 904*	Pipe expanders.....	72 393
Gaseous current.....	159 4.1+	Isometric.....	482 91	Methods of joint expanding.....	29 890.044
Gas and liquid contact apparatus		Roundabout.....	472 1+	Piston ring.....	277 467+
Porous mass.....	261 94+	Stretching.....	482 907*	Piston ring applier.....	29 222+
Porous sheet.....	261 100+	Weights.....	482 93+	Reamer.....	408 227+
Making.....	29 890.07	Wheelchair attached.....	482 904*	Earth boring type.....	175 263+
Oil combustion engine.....	123 522	Kinesitherapy.....	601 23+	Refrigeration by.....	62
Refrigerator.....	62 515+	Light thermal and electrical		Sheet metal shaping die.....	72 393
Automatic.....	62 216+	application combined.....	607 77+	Tube cutter.....	30 103+
Defrost water by heater.....	62 275+	Music.....	84 465+	Wheel felly.....	157 9
Defrost water by refrigerator		Opponent-supplied resistance.....	482 906*	<b>Expansive Cabinets</b> .....	312 205
heat.....	62 279	Poultry feeding combined.....	119 70	<b>Expansive Chamber Devices</b> .....	92
Making.....	29 890.035	<b>Exfoliation</b>		<b>Expansion (See Expander)</b>	
Sugar manufacture.....	127 16	Cereals.....	426 449+	Engine, refrigeration producer.....	62 402+
Ventilator		Compositions.....	252 378 R	Automatic.....	62 172
Building.....	454 337	Decorticating.....	19 5 R+	Liquefied gas producing.....	62 621+
Rail-car, bus or trailer.....	454 110	Seed or seed parts.....	241 6+	Process.....	62 86
<b>Evaporometer</b> .....	374 39	Stone.....	125 23.01+	Joists	
<b>Everer</b>		<b>Exhaust (See Evacuating Receptacles)</b>		Between articulated members.....	403 52+
Animal draft vehicle equalizer.....	278 13	Mufflers.....	181 212+	Bridge.....	14 73.1
Horse detacher.....	278 32	Design.....	D12 194	Building.....	52 396.01+
Grain harvesters, head or butt.....	56 468	Operated		Distillation apparatus.....	202 268
Textile loom, dobby.....	139 74	Brakes.....	188 154	Flexible diaphragm or bellows.....	403 50+
<b>Eviscerating</b> .....	452 106+	Pipe making.....	29 890.08	Fluid distributor nozzle.....	239 397.5
<b>Excavation (See Digger)</b> .....	37	Horns and whistles.....	116 138	Heat exchanger.....	165 81+
By nuclear explosion.....	976 DIG. 425	Recirculation.....	123 568.11+	Pipe.....	285 298+
Caisson.....	405 272	Silencers.....	181 212+	Resilient building.....	52 313
Pressurized.....	405 8+	For internal combustion engines.....	60 272+	Static mold forming.....	249 9
Clamshell buckets.....	37 461	Steam engine.....	60 681+	Plug	
Ditch filler.....	37 142.5+	Treatment		Metallic receptacle.....	220 233+
Ditchers.....	37 347+	Combustion device feed in.....	60 683	Pipe.....	138 89+
Dredgers.....	37 307+	Combustion engine.....	60 272+	Reeds warp preparing.....	28 213
Hazardous or toxic waste		Excess air to internal		Valve, refrigeration utilizing.....	62 527+
containment.....	405 129.1+	combustion engine.....	60 900+	Automatic.....	62 222+
Land clearer.....	37 301+	Serially connected motors.....	60 679+	<b>Expenses</b>	
Mine ventilation.....	454 168+	Furnace.....	432 67+	Accounting, computer controlled.....	705 30
Mining or quarrying with		Furnace, metallurgical.....	266 144+	Tax preparation.....	705 31
separating.....	299 7	Furnace, solid fuel.....	110 203	Time-based billing.....	705 32
Orange-peel buckets.....	37 182+	Motors.....	60 685+	<b>Expert System Shell</b> .....	706 60
Railway graders.....	37 104+	Rotary engines.....	60 901*	<b>Expert System Tool</b> .....	706 60
Railway snow excavators.....	37 198+	<b>Exhauster (See Evacuating Receptacles)</b>		<b>Exploring</b>	
Road grader type.....	37 381+	Filled receptacle cooking		Borehole and drilling study.....	73 152.43+
Roadway snow excavators.....	37 196+	apparatus.....	99 359+	Depth sounding.....	73 290 R+
Self-loading vehicles.....	37 304+	Heating etc gas making apparatus.....	48 173	Electro-acoustic.....	367 99+
Shoring or bracing.....	405 272+	Water closet tank outlet siphon.....	4 368+	Sound.....	181
Snow excavators & melters.....	37 227+	<b>Exhibiting</b>		Diagnostics medical.....	600 300+
Stone remover.....	37 303	Cards pictures and signs.....	40	Earth boring.....	175 50
Stump and removers.....	37 302	Design.....	D20 10+	Electrical.....	324
Tunnel excavating.....	299	Design display card.....	D20 40	Electrical ore testing.....	324 376
Tunnel ventilation.....	454 166+	Check controlled.....	194	Meteorology.....	73 170.16+
<b>Excavator</b>		Dispensing combined.....	222 23+	Radar.....	342 191+
Dipper.....	414 690+	Gem setting feature.....	63 30	Radioisotope.....	340 870.01+
Force pump.....	37 342+	Indicator combined.....	116 307	System.....	340 870.1+
Pipe and cable laying combined.....	405 154.1+	<b>Exhibitor</b>		Sound.....	181
Screw.....	175 394+	Cabinet with.....	312 234	<b>Explosion Control</b>	
Suction pump.....	37 317+	<b>Exit</b>		Acetylene generator.....	48 56
<b>Excelsior</b>		Bee hive.....	449 20+	Blast or cupola furnace.....	266 174
Making.....	144 185+	Door lock.....	70 92	Blowout plugs, frangible or fusible.....	220 89.1
Package filling.....	493 967*	Fire escape chute.....	182 48+	Containers of inflammable	
<b>Exchange</b>		Insect.....	160 12+	substances.....	220 88.1+
Heat.....	65 30.13+	Railway car		Davy lamp or wire gauze protected	
Mortar mixers having.....	165	Control.....	105 341+	Dry cleaning and laundry apparatus.....	68 209
Processes.....	366 22+	Emergency.....	105 348+	Drying apparatus.....	34 558+
Temperature regulation.....	236	Stratifier discharge.....	209 494+	Gas cooking stoves.....	126 42
Tobacco smoking device.....	131 194+	<b>Expanded Metal</b> .....	52 670+	Gas distribution.....	48 192
Telephone.....	379	Making.....	29 6.1	Gas holder high pressure safety	
<b>Execution Devices</b>		<b>Expander and Expanding</b>		escape.....	48 175
Electric chairs.....	128 898+	Anchor.....	411 15+	Internal combustion engines.....	123 24 R
Medicators.....	604 19+	Expanding or piercing earth.....	52 155+	Milling or grinding apparatus.....	241 31
Poisons.....	424	Boiler formers.....	72 393	Mine safety systems.....	299 12
Surgical instruments.....	606 1+	Boring head cutter.....	408 199+	Safes and bank protection combined.....	109 26+
Trap animal		Building component.....	52 67	Turbines.....	60 793+
Choking or squeezing.....	43 85+	Cereals.....	426 449+	Water back.....	126 35
Electrocuting.....	43 98+	Apparatus.....	99 323.4+	Water elevators.....	417 73+
Everset.....	43 64+	Collapsible taps.....	408 147+	<b>Explosive (See Ammunition; Bomb;</b>	
Explosive.....	43 84	Exfoliated composition.....	252 378 R	<b>Engine; Gun)</b> .....	102
Impaling or smiting.....	43 77+	Face plate railway car.....	105 10+	Anchors.....	114 295
Self reset.....	43 73+	Felly.....	157 9+	Article molding or shaping.....	264 3.1
Trap insect		Gas liquefying and separating.....	62 621+	Extruding.....	264 3.3
Adhesive.....	43 114+	Processes.....	62 621+	Forming or treating particulate	
Electrocuting.....	43 112	Gate valve faces.....	251 193+	material.....	264 3.4+
<b>Exercising</b>		Hoof and shoe.....	168 47	Rolling to form sheet or rod.....	264 3.2

Class Subclass		Class Subclass		Class Subclass	
Bag to contain explosive powder	102 282	Extinguishing composition	252 2+	Hydrostatic extrusion	72 711*
Cap mechanical gun combined	124 2	Fire	169	<b>Eye</b>	
Carbon preparation process	423	Design	D29 125+	Artificial	623 4.1+
Charge making	86	Fluid type for burner	431 145	Contact lenses	351 160 R+
Comminution or puffing		Furnace fire	169 54+	Cup	D24 120
Apparatus	241 301	Ash pan	110 171	Deformity correction	606 204.25
Cereals apparatus	99 323.4+	Inflammable fluid containers	169 66+	Doll	446 392
Cereals processes and products	426 625+	Signalling system electric	340 289	Movable	446 343+
Processes	241 1	Tobacco ash receiver combined	131 235.1+	Dropper	604 295+
Vegetable processes	426 445	Tobacco product combined	131 347	Design combined with bottle	D09 723+
Compositions	149	<b>Extracting and Extracts (See Material Recovered)</b>		Design combined with closure	D09 447
Devices	102	Apparatus	422 261+	Dispenser combined	222 420+
Narcotic containing	102 512	Beverage	99 279+	Syringe	604 295+
Safes & bank protection combined	109 36+	Mineral oil	196 14.52	Examining & testing instruments	351 200+
Earth boring	175 2+	Sugar	127 3+	Design	D10 46+
Fuses primers and igniting devices	102 200+	Textile treating fluid combined		Objective	351 205+
Impact driven fastener, eg nail	411 440+	with treating	68 19+	Subjective	351 222+
Making apparatus	422 163	Biocidal	424	Test charts and targets	351 239+
Material incinerator	110 237	Distillation combined		Exercising	601 37
Material treating	264	Retort	202 107	Optometers	351 205+
Metal deforming x-art	72 706*	Separatory processes	203	With testing	351 203
Metal forming	72 56	Still	202 170	Forming	
Mining	299 13	Still with	202 168+	Chain making	59 21
Operated assembling apparatus	29 254+	Thermolytic processes	201	Wireworking	140 104
Operated one shot motor	60 632+	Dye compositions	8 438	Hook and eye fastener	24 698.1+
Operator		Dyes natural	8 646	Design apparel	D11 208+
Assembling device	29 254	Food	426 655	Design hardware	D08 367+
Metal deforming device	72 430	Chocolate	426 631+	Relatively movable hook	
Well tube perforator	175 2+	Coffee	426 594	portions	24 598.4+
Power plant x-art	60 914*	Coffee substitute	426 596	Sewing machine attaching	112 105
Testing	73 35.14	Coffee substitute from fruits		Interlocking wire machine	140 114
Thermic compositions or charges	149	or vegetables	426 594+	Neck yoke	278 125
Well		Condiments and flavors	426 650	Nose grips	351 132
Apparatus	166 63	Hop	426 600	Integral with bridge	351 131
Processes using	166 299	Malt	426 64	Pince-nez	351 71+
Torpedoes	102 301+	Meat	426 656	Photography	396 18
Tubing perforator	175 2+	Pectin	426 655	Testing instruments	351 206
<b>Exposure</b>		Sea food	426 655	Pieces for optical instruments	359 600
Camera		Tea	426 435	Protecting masks	2 10+
Automatic control system	396 213+	Inorganic materials	423 210+	Design	D16 301+
Electrophotographic copier	399 177+	Actinide series compounds	423 249+	Protectors for animals	54 80.2
Meter	356 213+	Crystallization combined	23 299	Design	D30 144+
<b>Expressing</b>		Crystallization selective		Shields	
Butter and cheese cutter combined	425 308+	combined	23 297	Electric welder s hood combined	219 147
Butter worker combined	425 200+	Medicinal animal	424 520+	Thill coupling	278 77+
Die		Mineral oils	208 311+	Toy figure	446 392
Block and earthenware	425 308+	Conversion combined	208 46+	Treating	
Block and earthenware	425 325+	Ores and metals	75 711+	Douches	604 295+
Metal including powdered	72 253.1+	Organic materials		Electrically	607 141
Mold core making	164 174	Algins	536 3	Exercising	606 204.25
Particulate metal	419 67	Alkaloids cinchona	546 134+	Medicine	424
Pastry and confections	99	Alkaloids opium	546 44+	Vision testing & correcting	351
Pastry and confections	425	Alkaloids tobacco	546 279.4	<b>Eye Bolt, Making</b>	29 7
Plastic molding	425 381.2	Alkaloids undetermined		<b>Eye Glasses</b>	351 41
Soap molding	425 308+	constitution	546 1	Anti-glare or shading	351 44
Soap molding	425 325+	Esters carboxylic acid	560 1+	Bridge	351 133
Drying combined	34 70	Fats fatty oils ester type		Cases	206 5+
Presses	100 104+	waxes higher fatty acids	554 8+	Design	D03 265
With heater	100 92+	Glycosides	536 18.5+	Cleansing compositions	510 163+
<b>Expression Mechanism Musical</b>		N-glycosides	536 2+	Contact lens	351 160 R+
Applying expression lines to record	84 463	Pectins	536 2	Contact lens fitting	351 247
Automatic pneumatic expression mechanism for automatic pianos	84 33+	Synthetic resins from plant extract	528 1+	Correctors	351 140+
Automatic stringed instrument pneumatic action	84 33+	Tannins	560 68+	Design	D16 300+
Electric organs	84 626	Sugar	127 43+	Eye shields attached	2 13
Electric organs	84 662	Tanning	8 94.32	Fitting apparatus	351 200+
Electric organs	84 701	Aluminum compound combined	8 94.3	Gages for	33 200
Electric organs	84 734	Tobacco	131 297	Hinge	16 228
Piano	84 216+	<b>Extractor (See Wringers)</b>		Holder	248 902*
Tracker bar modified for expression	84 157	Bolt or screw	81 436+	Design	D03 266
<b>Extension</b>		Centrifugal	210 360.1+	Rigid container	493 914*
Cords	439 502+	Closure remover	81 3.07+	Metal frame making	29 20
Tables, co planar surfaces	108 65+	Can opener having	7 152+	Ornamentation for	351 51+
<b>Extensometer</b>		Compound tool having	7 151+	Special tool for	81 3.5+
Dilatometer	374 55	Pliers having	7 126+	Protective goggles	2 426+
Distance measuring	33 784+	Disassembling apparatus	29 700+	Temple	351 121
Dynamometer	73862.391+	Easy out	81 436+	<b>Eye Goggles</b>	2 426+
Electrical	324	Electrolyte treatment	204 233+	Anti-glare or shading	351 44
Gauges	33 501+	Nail	254 18+	Design	D16 303+
Optical	356 625+	Shoe lasting	12 16	<b>Eye Lens Insertion</b>	606 107
Strain resistance	338 2	Pen	29 808	<b>Eye Brow Brush</b>	D04
Stress strain test	73 760+	Press	100 104+	<b>Eyelash Curler</b>	D28 36
<b>Extinguisher</b>		Shell from firearm	42 25	<b>Eyelet</b>	24 713+
Boiler safety	122 504.3	Revolver	42 68	Apparel fastener	D11 208+
Burner cap or cover	431 144+	Tilting breech	42 46	Closure fastener sealing	292 314
Cigar and cigarette	131 256	Shell projectile or wad	81 3.05	Making by die shaping sheet metal	72 343+
Electric arc prevention	218 1+	Stump and poles	254 199+	Setting	227 51+
Electric contact arc prevention	361 2	Tooth	433 141+	<b>Eyeletting</b>	
		Wheel spoke	157 12	Machine	227 51+
		<b>Extruding (See Expressing Die)</b>		Paper tag making	493 375+
				Sewing machine	112 66
				<b>Eyeshade (See Visor)</b>	D29 109+