

## Eco-Patent Commons: Applicable Classes of Patents

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IPC #	Title
<b>B01D</b>	SEPARATION (separating solids from solids by wet methods B30B 9/02; treatment of water C02F , e.g. softening by ion-exchange C02F 1/42 ; arrangement or mounting of filters in air-conditioning, air-humidification or ventilation F24F 13/28)[5]
<b>B03C</b>	MAGNETIC OR ELECTROSTATIC SEPARATION OF SOLID MATERIALS FROM SOLID MATERIALS OR FLUIDS; SEPARATION BY HIGH-VOLTAGE ELECTRIC FIELDS (filters making use of electricity or magnetism B01D 35/06 ; separating isotopes B01D 59/00; combinations of magnetic or electrostatic separation with separation of solids by other means B07B; separating sheets from piles B65H 3/00; magnets or magnet coils per se H01F) [5]
<b>B05C</b>	APPARATUS FOR APPLYING LIQUIDS OR OTHER FLUENT MATERIALS TO SURFACES, IN GENERAL (spraying apparatus, atomising apparatus, nozzles B05B ; plant for applying liquids or other fluent materials to objects by electrostatic spraying B05B 5/08; processes for applying liquids or other fluent materials to surfaces B05D) [2]
<b>B08B</b>	CLEANING IN GENERAL; PREVENTION OF FOULING IN GENERAL (brushes H05F)
<b>B23K</b>	SOLDERING OR UNSOLDERING; WELDING; CLADDING OR PLATING BY SOLDERING OR WELDING; CUTTING BY APPLYING HEAT LOCALLY, e.g. FLAME CUTTING; WORKING BY LASER BEAM (making metal-coated products by extruding metal B21C 23/22 ; building up linings or coverings by casting B22D 19/08 ; casting by dipping B22D 23/04; manufacture of composite layers by sintering metal powder B22F 7/00 ; arrangements on machine tools for copying or controlling B23Q ; covering metals or covering materials with metals, not otherwise provided for F23D) (
<b>B24C</b>	ABRASIVE OR RELATED BLASTING WITH PARTICULATE MATERIAL
<b>B44C</b>	PRODUCING DECORATIVE EFFECTS (processes for applying liquids or other fluent materials to surfaces, in general B05D; shaping of plastics or substances in a plastic state B29C; printing processes to produce transfer pictures B41M 3/12 ; thermographic duplication or marking methods B41M 5/00 ); MOSAICS; TARSIA WORK (imitation of mosaic or tarsia-work patterns B44F 11/04); PAPERHANGING [2]
<b>B65D</b>	CONTAINERS FOR STORAGE OR TRANSPORT OF ARTICLES OR MATERIALS, e.g. BAGS, BARRELS, BOTTLES, BOXES, CANS, CARTONS, CRATES, DRUMS, JARS, TANKS, HOPPERS, FORWARDING CONTAINERS; ACCESSORIES, CLOSURES, OR FITTINGS THEREFOR; PACKAGING ELEMENTS; PACKAGES (containers specially adapted for storing agricultural or horticultural products A01F 02514; containers specially adapted for use in dairies A01J; purses, luggage, hand carried bags A45C; travelling or camp equipment, sacks or packs carried on the body A45F; household or table equipment A47G; mail or newspapers receptacles A47G 02900; kitchen equipment A47J; packages or wrapping arrangements for used absorbent pads A61F 01315; associated with vehicles, <u>see</u> the appropriate subclass of B60-B64; machines, apparatus, or devices for, or methods of, packaging articles or materials B65B; sack holders B65B 06700; refuse receptacles B65F 00100; handling sheets, webs or filamentary material B65H; load-engaging elements or devices attached to lifting or lowering gear of cranes
<b>C02F</b>	TREATMENT OF WATER, WASTE WATER, SEWAGE, OR SLUDGE (separation in general B01D; special arrangements on waterborne vessels of installations for treating water, waste water or sewage, e.g. for producing fresh water, B63J; adding materials to water to prevent corrosion C23F; treating

	radioactively-contaminated liquids G21F 9/04)[3]
<b>C03C</b>	CHEMICAL COMPOSITION OF GLASSES, GLAZES, OR VITREOUS ENAMELS; SURFACE TREATMENT OF GLASS; SURFACE TREATMENT OF FIBRES OR FILAMENTS FROM GLASS, MINERALS OR SLAGS; JOINING GLASS TO GLASS OR OTHER MATERIALS
<b>C07C</b>	ACYCLIC OR CARBOCYCLIC COMPOUNDS
<b>C10L</b>	FUELS NOT OTHERWISE PROVIDED FOR (fuels for generating pressure gas, e.g. for rockets, C06D 00500; candles C11C; nuclear fuel G21C 00300; NATURAL GAS; SYNTHETIC NATURAL GAS OBTAINED BY PROCESSES NOT COVERED BY SUBCLASSES C10G, C10K; LIQUEFIED PETROLEUM GAS; ADDING MATERIALS TO FUELS OR FIRES TO REDUCE SMOKE OR UNDESIRABLE DEPOSITS OR TO FACILITATE SOOT REMOVAL; FIRE-LIGHTERS) (
<b>C11D</b>	FATTY ACIDS FROM FATS, OILS OR WAXES; CANDLES; FATS, OILS OR FATTY ACIDS BY CHEMICAL MODIFICATION OF FATS, OILS, OR FATTY ACIDS OBTAINED THEREFROM
<b>C23G</b>	CLEANING OR DE-GREASING OF METALLIC MATERIAL BY CHEMICAL METHODS OTHER THAN ELECTROLYSIS (polishing compositions C09G; detergents in general C11D)
<b>C25B</b>	ELECTROLYTIC OR ELECTROPHORETIC PROCESSES FOR THE PRODUCTION OF COMPOUNDS OR NON- METALS; APPARATUS THEREFOR[2]
<b>F01N</b>	GAS-FLOW SILENCERS OR EXHAUST APPARATUS FOR MACHINES OR ENGINES IN GENERAL; GAS-FLOW SILENCERS OR EXHAUST APPARATUS FOR INTERNAL-COMBUSTION ENGINES (arrangements in connection with gas exhaust of propulsion units in vehicles B60K 13/00; combustion-air intake silencers specially adapted for, or arranged on, internal-combustion engines F02M 35/00 ; protecting against, or damping, noise in general G10K 11/16 )
<b>F03B</b>	MACHINES OR ENGINES FOR LIQUIDS (machines or engines for liquids and elastic fluids F01; positive-displacement engines for liquids F03C; positive-displacement machines for liquids F04) (
<b>F03D</b>	WIND MOTORS
<b>F16D</b>	COUPLINGS FOR TRANSMITTING ROTATION; CLUTCHES; BRAKES
<b>G01G</b>	INSTRUMENTS -- MEASURING; TESTING -- Weighing
<b>G03C</b>	PHOTOSENSITIVE MATERIALS FOR PHOTOGRAPHIC PURPOSES (for photomechanical purposes G03F); PHOTOGRAPHIC PROCESSES, e.g. CINE, X-RAY, COLOUR, STEREO-PHOTOGRAPHIC PROCESSES; AUXILIARY PROCESSES IN PHOTOGRAPHY (photographic processes characterised by the use or manipulation of apparatus classifiable per se in subclass G03B, <u>see</u> G03B ; photomechanical production of textured or patterned surfaces G03F ; electrography, electrophotography, magnetography G03G )
<b>G03F</b>	PHOTOMECHANICAL PRODUCTION OF TEXTURED OR PATTERNED SURFACES, e.g. FOR PRINTING, FOR PROCESSING OF SEMICONDUCTOR DEVICES; MATERIALS THEREFOR; ORIGINALS THEREFOR; APPARATUS SPECIALLY ADAPTED THEREFOR (phototypographic composing devices B41B; photosensitive materials or processes for photographic purposes G03C; electrography, sensitive layers or processes G03G)

<b>G06K</b>	RECOGNITION OF DATA; PRESENTATION OF DATA; RECORD CARRIERS; HANDLING RECORD CARRIERS (postal sorting B07C; secondary surveillance radar G01S; detecting presence of transponders or tags G01V)
<b>G07B</b>	Instruments -- Checking devices -- Ticket-issuing apparatus; Fare-registering apparatus; Franking apparatus
<b>G21B</b>	FUSION REACTORS (uncontrolled reactors G21J )
<b>G21G</b>	CONVERSION OF CHEMICAL ELEMENTS; RADIOACTIVE SOURCES (applications of radiation in general G21H 5/00; handling particles, e.g. neutrons, or electromagnetic radiation not otherwise provided for G21K)[2]
<b>H01L</b>	SEMICONDUCTOR DEVICES; ELECTRIC SOLID STATE DEVICES NOT OTHERWISE PROVIDED FOR (conveying systems for semiconductor wafers B65G 04907; use of semiconductor devices for measuring G01; details of scanning-probe apparatus, in general G12B 02100; resistors in general H01C; magnets, inductors, transformers H01F; capacitors in general H01G; electrolytic devices H01G 00900; batteries, accumulators H01M; waveguides, resonators, or lines of the waveguide type H01P; line connectors, current collectors H01R; stimulated-emission devices H01S; electromechanical resonators H03H; loudspeakers, microphones, gramophone pick-ups or like acoustic electromechanical transducers H04R; electric light sources in general H05B; printed circuits, hybrid circuits, casings or constructional details of electrical apparatus, manufacture of assemblages of electrical components H05K; use of semiconductor devices in circuits having a particular application, see the subclass for the application)
<b>H01M</b>	PROCESSES OR MEANS, e.g. BATTERIES, FOR THE DIRECT CONVERSION OF CHEMICAL ENERGY INTO ELECTRICAL ENERGY (electrochemical processes or apparatus in general C25; semiconductor or other solid state devices for converting light or heat into electrical energy H01L, e.g. H01L 03100, H01L 03500, H01L 03700)
<b>H02J</b>	CIRCUIT ARRANGEMENTS OR SYSTEMS FOR SUPPLYING OR DISTRIBUTING ELECTRIC POWER; SYSTEMS FOR STORING ELECTRIC ENERGY (power supply circuits for apparatus for measuring X-radiation, gamma radiation, corpuscular radiation or cosmic radiation G01T 00100; electric power supply circuits specially adapted for use in electronic time-pieces with no moving parts G04G 01900; for digital computers G06F 00118; for discharge tubes H01J 03702; circuits or apparatus for the conversion of electric power, arrangements for control or regulation of such circuits or apparatus H02M; interrelated control of several motors, control of a prime-mover/generator combination H02P; control of high-frequency power H03L; additional use of power line or power network for transmission of information H04B)
<b>H02P</b>	CONTROL OR REGULATION OF ELECTRIC MOTORS, GENERATORS, OR DYNAMO-ELECTRIC CONVERTERS; CONTROLLING TRANSFORMERS, REACTORS OR CHOKE COILS (structure of the starter, brake, or other control devices, <u>see</u> the relevant subclasses, e.g. mechanical brake F16D, mechanical speed regulator G05D, variable resistor H01C, starter switch H01H; systems for regulating electric or magnetic variables using transformers, reactors or choke coils G05F; arrangements structurally associated with motors, generators, dynamo-electric converters, transformers, reactors or choke coils, <u>see</u> the relevant subclasses, e.g. H01F, H02K; connection or control of one generator, transformer, reactor, choke coil, or dynamo-electric converter with regard to conjoint operation with similar or other source of supply H02J; control or regulation of static converters H02M)
<b>H04B</b>	Electricity – Electric Communication technique – Transmission