

Symbol	Typ	Titel
B	Sektion	PERFORMING OPERATIONS; TRANSPORTING
B05	Klasse	SPRAYING OR ATOMISING IN GENERAL; APPLYING LIQUIDS OR OTHER FLUENT MATERIALS TO SURFACES, IN GENERAL (domestic cleaning A47L; cleaning in general by methods essentially involving the use or presence of liquid B08B 3/00; sand-blasting B24C; coating of articles during shaping of substances in a plastic state B29C 39/10 , B29C 39/18 , B29C 41/20 , B29C 41/30 , B29C 43/18 , B29C 43/28 , B29C 45/14 , B29C 47/02; for further classification of forming layered products, see B32B; printing, copying B41; conveying articles or workpieces through baths of liquid B65G , e.g. B65G 49/02; handling webs or filaments in general B65H; surface treatment of glass by coating C03C 17/00 , C03C 25/10; coating or impregnation of mortars, concrete, stone or ceramics C04B 41/45 , C04B 41/61 , C04B 41/81; paints, varnishes, lacquers C09D; enamelling of metals, applying a vitreous layer to metals, chemical cleaning or de-greasing of metallic objects C23; electroplating C25D; treating of textile materials by liquids, gases or vapours D06B; laundering D06F; treating roads E01C; apparatus or processes for the preparation or treatment of photosensitive materials G03; apparatus or processes, restricted to a purpose fully provided for in a single other class, see the relevant class covering the purpose) [2]
B05B	Unterklasse	SPRAYING APPARATUS; ATOMISING APPARATUS; NOZZLES (spray-mixers with nozzles B01F 5/20; processes for applying liquids or other fluent materials to surfaces by spraying B05D; means for pumping fluids F04; valves, e.g. water-taps, F16K) [2]
B05B 1/00	Hauptgruppe	Nozzles, spray heads or other outlets, with or without auxiliary devices such as valves, heating means (B05B 3/00 , B05B 5/00 , B05B 7/00 take precedence; devices for applying liquids or other fluent materials to surfaces by contact B05C; nozzles for ink-jet printing mechanisms B41J 2/135; closures for containers B65D; nozzles for liquid-dispensing, e.g. in vehicle service stations, B67D 5/37)
B05B 1/02	1-Punkt Untergruppe	. designed to produce a jet, spray, or other discharge of particular shape or nature, e.g. in single drops (B05B 1/26 , B05B 1/28 , B05B 1/34 take precedence)
B05B 1/04	2-Punkt Untergruppe	. . in flat form, e.g. fan-like, sheet-like
B05B 1/06	2-Punkt Untergruppe	. . in annular, tubular or hollow conical form
B05B 1/08	2-Punkt Untergruppe	. . of pulsating nature, e.g. delivering liquid in successive separate quantities
B05B 1/10	2-Punkt Untergruppe	. . in the form of a fine jet, e.g. for use in wind-screen washers
B05B 1/12	1-Punkt Untergruppe	. capable of producing different kinds of discharge, e.g. either jet or spray (B05B 1/16 takes precedence)
B05B 1/14	1-Punkt Untergruppe	. with multiple outlet openings (B05B 1/02 , B05B 1/26 take precedence); with strainers in or outside the outlet opening
B05B 1/16	2-Punkt Untergruppe	. . having selectively-effective outlets
B05B 1/18	2-Punkt Untergruppe	. . Roses; Shower heads
B05B 1/20	2-Punkt Untergruppe	. . Perforated pipes or troughs, e.g. spray booms; Outlet elements therefor
B05B 1/22	1-Punkt Untergruppe	. Spouts (anti-splash devices for water-taps E03C 1/08)
B05B 1/24	1-Punkt Untergruppe	. incorporating means for heating the liquid or other fluent material, e.g. electrically
B05B 1/26	1-Punkt Untergruppe	. with means for mechanically breaking-up or deflecting the jet after discharge, e.g. with fixed deflectors; Breaking-up the discharged liquid or other fluent material by impinging jets

Symbol	Typ	Titel
B05B 1/28	1-Punkt Untergruppe	. with integral means for shielding the discharged liquid or other fluent material, e.g. to limit area of spray; with integral means for catching drips or collecting surplus liquid or other fluent material (means for any of these purposes, per se, B05B 15/04)
B05B 1/30	1-Punkt Untergruppe	. designed to control volume of flow, e.g. with adjustable passages (B05B 1/02 takes precedence)
B05B 1/32	2-Punkt Untergruppe	. . in which a valve member forms part of the outlet opening
B05B 1/34	1-Punkt Untergruppe	. designed to influence the nature of flow of the liquid or other fluent material, e.g. to produce swirl (B05B 1/30 takes precedence)
B05B 1/36	1-Punkt Untergruppe	. Outlets for discharging by overflow
B05B 3/00	Hauptgruppe	Spraying or sprinkling apparatus with moving outlet elements or moving deflecting elements (B05B 5/00 takes precedence)
B05B 3/02	1-Punkt Untergruppe	. with rotating elements
B05B 3/04	2-Punkt Untergruppe	. . driven by the liquid or other fluent material discharged, e.g. the liquid actuating a motor before passing to the outlet
B05B 3/06	3-Punkt Untergruppe	. . . by jet reaction
B05B 3/08	2-Punkt Untergruppe	. . in association with stationary outlet or deflecting elements
B05B 3/10	2-Punkt Untergruppe	. . discharging over substantially the whole periphery of the rotating member
B05B 3/12	2-Punkt Untergruppe	. . with spray booms or the like rotating around an axis by means independent of the liquid or other fluent material discharged
B05B 3/14	1-Punkt Untergruppe	. with oscillating elements; with intermittent operation
B05B 3/16	2-Punkt Untergruppe	. . driven or controlled by the liquid or other fluent material discharged, e.g. the liquid actuating a motor before passing to the outlet
B05B 3/18	1-Punkt Untergruppe	. with elements moving in a straight line, e.g. along a track; Mobile sprinklers [2]
B05B 5/00	Hauptgruppe	Electrostatic spraying apparatus; Spraying apparatus with means for charging the spray electrically; Apparatus for spraying liquids or other fluent materials by other electric means
B05B 5/025	1-Punkt Untergruppe	. Discharge apparatus, e.g. electrostatic spray guns [5]
B05B 5/03	2-Punkt Untergruppe	. . characterised by the use of gas [5]
B05B 5/035	2-Punkt Untergruppe	. . characterised by gasless spraying [5]
B05B 5/04	2-Punkt Untergruppe	. . characterised by having rotary outlet or deflecting elements
B05B 5/043	2-Punkt Untergruppe	. . using induction-charging [5]
B05B 5/047	2-Punkt Untergruppe	. . using tribo-charging [5]
B05B 5/053	2-Punkt Untergruppe	. . Arrangements for supplying power, e.g. charging power [5]
B05B 5/057	2-Punkt Untergruppe	. . Arrangements for discharging liquids or other fluent material without using a gun or nozzle [5]
B05B 5/06	1-Punkt Untergruppe	. using electric arc
B05B 5/08	1-Punkt Untergruppe	. Plant for applying liquids or other fluent materials to objects
B05B 5/10	2-Punkt Untergruppe	. . Arrangements for supplying power, e.g. charging power (B05B 5/053 takes precedence) [5]
B05B 5/12	2-Punkt Untergruppe	. . specially adapted for coating the interior of hollow bodies [5]
B05B 5/14	2-Punkt Untergruppe	. . specially adapted for coating continuously moving elongated bodies, e.g. wires, strips, pipes [5]

Symbol	Typ	Titel
B05B 5/16	1-Punkt Untergruppe	. Arrangements for supplying liquids or other fluent material [5]
B05B 7/00	Hauptgruppe	Spraying apparatus for discharge of liquids or other fluent materials from two or more sources, e.g. of liquid and air, of powder and gas (B05B 3/00 , B05B 5/00 take precedence; outlets not specially modified for two media B05B 1/00)
B05B 7/02	1-Punkt Untergruppe	. Spray pistols; Apparatus for discharge (B05B 7/14 , B05B 7/16 , B05B 7/24 take precedence)
B05B 7/04	2-Punkt Untergruppe	. . with arrangements for mixing liquids or other fluent materials before discharge (mixing in general B01F , e.g. B01F 5/00; mixing valves F16K 11/00) [2]
B05B 7/06	2-Punkt Untergruppe	. . with one outlet orifice surrounding another approximately in the same plane (B05B 7/10 takes precedence)
B05B 7/08	2-Punkt Untergruppe	. . with separate outlet orifices, e.g. to form parallel jets, to form intersecting jets
B05B 7/10	2-Punkt Untergruppe	. . producing a swirling discharge
B05B 7/12	2-Punkt Untergruppe	. . designed to control volume of flow, e.g. with adjustable passages
B05B 7/14	1-Punkt Untergruppe	. designed for spraying particulate materials (B05B 7/16 takes precedence)
B05B 7/16	1-Punkt Untergruppe	. incorporating means for heating the material to be sprayed
B05B 7/18	2-Punkt Untergruppe	. . the material having originally the shape of a wire, rod, or the like
B05B 7/20	2-Punkt Untergruppe	. . by flame or combustion
B05B 7/22	2-Punkt Untergruppe	. . electrically, e.g. by arc
B05B 7/24	1-Punkt Untergruppe	. with means, e.g. a container, for supplying liquid or other fluent material to a discharge device (B05B 7/14 , B05B 7/16 , B05B 11/00 take precedence)
B05B 7/26	2-Punkt Untergruppe	. . Apparatus in which liquids or other fluent materials from different sources are brought together before entering the discharge device
B05B 7/28	3-Punkt Untergruppe	. . . in which one liquid or other fluent material is fed or drawn through an orifice into a stream of a carrying fluid
B05B 7/30	4-Punkt Untergruppe	 the first liquid or other fluent material being fed by gravity, or sucked into the carrying fluid
B05B 7/32	4-Punkt Untergruppe	 the fed liquid or other fluent material being under pressure
B05B 9/00	Hauptgruppe	Spraying apparatus for discharge of liquid or other fluent material without essentially mixing with gas or vapour (B05B 11/00 takes precedence) [3]
B05B 9/01	1-Punkt Untergruppe	. Spray pistols (B05B 9/03 takes precedence) [3]
B05B 9/03	1-Punkt Untergruppe	. characterised by means for supplying liquid or other fluent material [3]
B05B 9/04	2-Punkt Untergruppe	. . with pressurised or compressible container (aerosol containers B65D 83/14); with pump [3]
B05B 9/043	3-Punkt Untergruppe	. . . having pump readily separable from container [2, 3]
B05B 9/047	3-Punkt Untergruppe	. . . supply being effected by follower in container, e.g. membrane or floating piston [2, 3]
B05B 9/06	3-Punkt Untergruppe	. . . the delivery being related to the movement of a vehicle, e.g. the pump being driven by a vehicle wheel [3]
B05B 9/08	3-Punkt Untergruppe	. . . Apparatus to be carried on or by a person, e.g. of knapsack type (details or components, e.g. casings, bodies, of portable power-driven tools not particularly related to the operation performed B25F 5/00) [3, 4]
B05B 11/00	Hauptgruppe	Single-unit, i.e. unitary, hand-held apparatus in which flow of liquid or other fluent material is produced by the operator at the moment of use [2]

Symbol	Typ	Titel
B05B 11/02	1-Punkt Untergruppe	. the flow being effected by a follower, e.g. membrane, floating piston, in container for liquid or other fluent material [2]
B05B 11/04	1-Punkt Untergruppe	. the flow being effected by deformation of container for liquid or other fluent material [2]
B05B 11/06	1-Punkt Untergruppe	. the spray being effected by gas or vapour flow, e.g. from a compressible bulb [2, 3]
B05B 12/00	Hauptgruppe	Arrangements or special adaptations of delivery controlling means in spraying systems (controlling in general G05) [2]
B05B 12/02	1-Punkt Untergruppe	. for controlling time, or sequence, of delivery [2]
B05B 12/04	2-Punkt Untergruppe	. . for sequential operation or multiple outlets [2]
B05B 12/06	2-Punkt Untergruppe	. . for effecting pulsating flow [2]
B05B 12/08	1-Punkt Untergruppe	. responsive to condition of liquid or other fluent material discharged, of ambient medium or of target [2]
B05B 12/10	2-Punkt Untergruppe	. . responsive to temperature or viscosity of liquid or other fluent material discharged [2]
B05B 12/12	2-Punkt Untergruppe	. . responsive to conditions of ambient medium or target, e.g. humidity, temperature [2]
B05B 12/14	1-Punkt Untergruppe	. for supplying a selected one of a plurality of liquids or other fluent materials to a single spray outlet [3]
B05B 13/00	Hauptgruppe	Machines or plants for applying liquids or other fluent materials to surfaces of objects or other work by spraying, not covered by groups B05B 1/00 to B05B 11/00 (processes for applying liquids or other fluent materials to surfaces in general B05D; means for supplying or discharging liquid or other fluent material for this purpose, see the relevant preceding groups) [3]
B05B 13/02	1-Punkt Untergruppe	. Means for supporting work; Arrangement or mounting of spray heads; Adaptation or arrangement of means for feeding work (B05B 13/06 takes precedence)
B05B 13/04	2-Punkt Untergruppe	. . the spray heads being moved during operation
B05B 13/06	1-Punkt Untergruppe	. specially designed for treating the inside of hollow bodies (spray heads B05B 1/00 to B05B 7/00)
B05B 15/00	Hauptgruppe	Details of spraying plant or apparatus not otherwise provided for; Accessories (accessories applicable to other methods of applying liquids or other fluent materials to surfaces B05C) [4]
B05B 15/02	1-Punkt Untergruppe	. Arrangements or devices for cleaning discharge openings
B05B 15/04	1-Punkt Untergruppe	. Control of spray area, e.g. masking, side shields; Means for collection or re-use of excess material (B05B 1/28 takes precedence)
B05B 15/06	1-Punkt Untergruppe	. Mountings, supporting or holding means, or rests for spray heads or other outlets when in use or out of use (B05B 15/10 takes precedence)
B05B 15/08	2-Punkt Untergruppe	. . Means for adjusting position of spray heads
B05B 15/10	1-Punkt Untergruppe	. Arrangements for moving spray heads automatically to or from the working position
B05B 15/12	1-Punkt Untergruppe	. Spray booths [4]
B05B 17/00	Hauptgruppe	Apparatus for spraying or atomising liquids or other fluent materials, not covered by the preceding groups (dropping or releasing powdered, liquid or gaseous matter in flight B64D 1/16) [2]
B05B 17/04	1-Punkt Untergruppe	. operating with special methods
B05B 17/06	2-Punkt Untergruppe	. . using ultrasonic vibrations
B05B 17/08	1-Punkt Untergruppe	. Fountains (drinking fountains E03B 9/20; wash fountains E03C 1/16)