

Symbol	Typ	Titel
<b>B</b>	<b>Sektion</b>	<b>SECTION B — PERFORMING OPERATIONS; TRANSPORTING</b>
<b>B08</b>	<b>Klasse</b>	<b>CLEANING</b>
<b>B08B</b>	<b>Unterklasse</b>	<b>CLEANING IN GENERAL; PREVENTION OF FOULING IN GENERAL (brushes A46; devices for domestic or like cleaning A47L; separation of particles from liquids or gases B01D; separation of solids B03, B07; spraying or applying liquids or other fluent materials to surfaces in general B05; cleaning devices for conveyers B65G 45/10; concurrent cleaning, filling and closing of bottles B67C 7/00; inhibiting corrosion or incrustation in general C23; cleaning streets, permanent ways, beaches or land E01H; parts, details or accessories of swimming or splash baths or pools, specially adapted for cleaning E04H 4/16; preventing or removing electrostatic charges H05F)</b>
<b>B08B 1/00</b>	<b>Hauptgruppe</b>	<b>Cleaning by methods involving the use of tools, brushes, or analogous members (B08B 3/12, B08B 6/00, B08B 9/00 take precedence) [2]</b>
B08B 1/02	1-Punkt Untergruppe	. Cleaning travelling work, e.g. a web, articles on a conveyer
B08B 1/04	1-Punkt Untergruppe	. using rotary operative members (B08B 1/02 takes precedence)
<b>B08B 3/00</b>	<b>Hauptgruppe</b>	<b>Cleaning by methods involving the use or presence of liquid or steam (B08B 9/00 takes precedence)</b>
B08B 3/02	1-Punkt Untergruppe	. Cleaning by the force of jets or sprays
B08B 3/04	1-Punkt Untergruppe	. Cleaning involving contact with liquid
B08B 3/06	2-Punkt Untergruppe	. . using perforated drums in which the article or material is placed
B08B 3/08	2-Punkt Untergruppe	. . the liquid having chemical or dissolving effect (substances used, <u>see</u> the relevant classes)
B08B 3/10	2-Punkt Untergruppe	. . with additional treatment of the liquid or of the object being cleaned, e.g. by heat, by electricity, by vibration
B08B 3/12	3-Punkt Untergruppe	. . . by sonic or ultrasonic vibrations (washing or rinsing machines for crockery or tableware using sonic or ultrasonic waves A47L 15/13; of natural teeth, of prostheses using ultrasonic techniques similar to those used for natural teeth A61C 17/20; application of ultrasonic vibrations to chemical, physical, or physico-chemical processes in general B01J 19/10) [2, 5]
B08B 3/14	3-Punkt Untergruppe	. . . Removing waste, e.g. labels, from cleaning liquid (treatment of water in general C02F) [5]
<b>B08B 5/00</b>	<b>Hauptgruppe</b>	<b>Cleaning by methods involving the use of air flow or gas flow (B08B 6/00, B08B 9/00 take precedence) [2, 7]</b>
B08B 5/02	1-Punkt Untergruppe	. Cleaning by the force of jets, e.g. blowing-out cavities
B08B 5/04	1-Punkt Untergruppe	. Cleaning by suction, with or without auxiliary action (suction cleaners A47L)
<b>B08B 6/00</b>	<b>Hauptgruppe</b>	<b>Cleaning by electrostatic means (domestic cleaning implements functioning electrostatically A47L 13/40; cleaning of grooved record carriers G11B 3/58) [2]</b>
<b>B08B 7/00</b>	<b>Hauptgruppe</b>	<b>Cleaning by methods not provided for in a single other subclass or a single group in this subclass</b>
B08B 7/02	1-Punkt Untergruppe	. by distortion, beating, or vibration of the surface to be cleaned
B08B 7/04	1-Punkt Untergruppe	. by a combination of operations
<b>B08B 9/00</b>	<b>Hauptgruppe</b>	<b>Cleaning hollow articles by methods or apparatus specially adapted thereto (B08B 3/12, B08B 6/00 take precedence) [2]</b>
B08B 9/02	1-Punkt Untergruppe	. Cleaning pipes or tubes or systems of pipes or tubes (apparatus for cleaning metal pipes by chemical methods C23G 3/04) [5]
B08B 9/023	2-Punkt Untergruppe	. . Cleaning the external surfaces [7]
B08B 9/027	2-Punkt Untergruppe	. . Cleaning the internal surfaces; Removal of blockages [7]

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B08B 9/032	3-Punkt Untergruppe	. . . by the mechanical action of a moving fluid, e.g. by flushing (B08B 9/04 takes precedence) [7]
B08B 9/035	4-Punkt Untergruppe	. . . . by suction [7]
B08B 9/04	3-Punkt Untergruppe	. . . using cleaning devices introduced into and moved along the pipes [1, 7]
B08B 9/043	4-Punkt Untergruppe	. . . . moved by externally powered mechanical linkage, e.g. pushed or drawn through the pipes [7]
B08B 9/045	5-Punkt Untergruppe	. . . . . the cleaning devices being rotated while moved (B08B 9/047 takes precedence) [7]
B08B 9/047	5-Punkt Untergruppe	. . . . . the cleaning devices having motors for powering cleaning tools [7]
B08B 9/049	4-Punkt Untergruppe	. . . . having self-contained propelling means for moving the cleaning devices along the pipes [7]
B08B 9/051	5-Punkt Untergruppe	. . . . . the cleaning devices having motors for powering cleaning tools [7]
B08B 9/053	4-Punkt Untergruppe	. . . . moved along the pipes by a fluid, e.g. by fluid pressure or by suction [7]
B08B 9/055	5-Punkt Untergruppe	. . . . . the cleaning devices conforming to, or being conformable to, substantially the cross-section of the pipes, e.g. pigs or moles [7]
B08B 9/057	5-Punkt Untergruppe	. . . . . the cleaning devices being entrained discrete elements, e.g. balls, grinding elements, brushes [7]
B08B 9/08	1-Punkt Untergruppe	. Cleaning of containers, e.g. tanks
B08B 9/087	2-Punkt Untergruppe	. . by methods involving the use of tools, e.g. brushes, scrapers (B08B 9/20 takes precedence) [5]
B08B 9/093	2-Punkt Untergruppe	. . by the force of jets or sprays (B08B 9/20 takes precedence) [5]
B08B 9/20	2-Punkt Untergruppe	. . by using apparatus into or on to which containers, e.g. bottles, jars, cans, are brought [5]
B08B 9/22	3-Punkt Untergruppe	. . . the apparatus cleaning by soaking alone [5]
B08B 9/24	4-Punkt Untergruppe	. . . . and having conveyers [5]
B08B 9/26	5-Punkt Untergruppe	. . . . . Rotating conveyers [5]
B08B 9/28	3-Punkt Untergruppe	. . . the apparatus cleaning by splash, spray or jet application, with or without soaking [5]
B08B 9/30	4-Punkt Untergruppe	. . . . and having conveyers [5]
B08B 9/32	5-Punkt Untergruppe	. . . . . Rotating conveyers [5]
B08B 9/34	4-Punkt Untergruppe	. . . . Arrangement of conduits or nozzles [5]
B08B 9/36	3-Punkt Untergruppe	. . . the apparatus cleaning by using brushes [5]
B08B 9/38	3-Punkt Untergruppe	. . . the apparatus cleaning by using scrapers, chains, grains of shot, sand or other abrasive means (abrasive blasting in general B24C) [5]
B08B 9/40	3-Punkt Untergruppe	. . . the apparatus cleaning by burning out [5]
B08B 9/42	3-Punkt Untergruppe	. . . the apparatus being characterised by means for conveying or carrying containers therethrough [5]
B08B 9/44	4-Punkt Untergruppe	. . . . the means being for loading or unloading the apparatus [5]
B08B 9/46	2-Punkt Untergruppe	. . Inspecting cleaned containers for cleanliness [5]
<b>B08B 11/00</b>	<b>Hauptgruppe</b>	<b>Cleaning flexible or delicate articles by methods or apparatus specially adapted thereto (B08B 3/12, B08B 6/00 take precedence) [2]</b>
B08B 11/02	1-Punkt Untergruppe	. Devices for holding articles during cleaning

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B08B 11/04	1-Punkt Untergruppe	. specially adapted for plate glass, e.g. prior to manufacture of windshields (cleaning the gap between permanently secured panes E06B 3/677)
<b>B08B 13/00</b>	<b>Hauptgruppe</b>	<b>Accessories or details of general applicability for machines or apparatus for cleaning</b>
<b>B08B 15/00</b>	<b>Hauptgruppe</b>	<b>Preventing escape of dirt or fumes from the area where they are produced; Collecting or removing dirt or fumes from that area (parts, details or accessories of cooking-vessels for withdrawing or condensing cooking vapours from such vessels A47J 36/38; refuse disposal B65F; devices for conducting smoke or fumes, e.g. flues, F23J 11/00; removing cooking fumes from domestic stoves or ranges F24C 15/20; air-conditioning, ventilation F24F) [5]</b>
B08B 15/02	1-Punkt Untergruppe	. using chambers or hoods covering the area
B08B 15/04	1-Punkt Untergruppe	. from a small area, e.g. a tool
<b>B08B 17/00</b>	<b>Hauptgruppe</b>	<b>Methods preventing fouling</b>
B08B 17/02	1-Punkt Untergruppe	. Preventing deposition of fouling or of dust
B08B 17/04	2-Punkt Untergruppe	. . by using removable coverings
B08B 17/06	2-Punkt Untergruppe	. . by giving articles subject to fouling a special shape for arrangement