

Symbol	Typ	Titel
C	Sektion	CHEMISTRY; METALLURGY
C08	Klasse	ORGANIC MACROMOLECULAR COMPOUNDS; THEIR PREPARATION OR CHEMICAL WORKING-UP; COMPOSITIONS BASED THEREON (manufacture or treatment of artificial threads, fibres, bristles or ribbons D01)
C08J	Unterklasse	WORKING-UP; GENERAL PROCESSES OF COMPOUNDING; AFTER-TREATMENT NOT COVERED BY SUBCLASSES C08B , C08C , C08F , C08G (mechanical aspects B29; layered products, manufacture thereof B32B; treatment of macromolecular material specially adapted to enhance its filling properties in mortars, concrete or artificial stone C04B 16/04 , C04B 18/20 , C04B 20/00; treatment of textiles D06) [2]
C08J 3/00	Hauptgruppe	Processes of treating or compounding macromolecular substances [2]
C08J 3/02	1-Punkt Untergruppe	. Making solutions, dispersions, lattices or gels by other methods than by solution, emulsion or suspension polymerisation techniques [2]
C08J 3/03	2-Punkt Untergruppe	. . in aqueous media [5]
C08J 3/05	3-Punkt Untergruppe	. . . from solid polymers [5]
C08J 3/07	3-Punkt Untergruppe	. . . from polymer solutions [5]
C08J 3/075	3-Punkt Untergruppe	. . . Macromolecular gels [6]
C08J 3/09	2-Punkt Untergruppe	. . in organic liquids [5]
C08J 3/11	3-Punkt Untergruppe	. . . from solid polymers [5]
C08J 3/12	1-Punkt Untergruppe	. Powdering or granulating [2]
C08J 3/14	2-Punkt Untergruppe	. . by precipitation from solutions [2]
C08J 3/16	2-Punkt Untergruppe	. . by coagulating dispersions [2]
C08J 3/18	1-Punkt Untergruppe	. Plasticising macromolecular compounds (plasticisers C08K) [2]
C08J 3/20	1-Punkt Untergruppe	. Compounding polymers with additives, e.g. colouring [2]
C08J 3/205	2-Punkt Untergruppe	. . in the presence of a liquid phase [5]
C08J 3/21	3-Punkt Untergruppe	. . . the polymer being premixed with a liquid phase [5]
C08J 3/215	4-Punkt Untergruppe	 at least one additive being also premixed with a liquid phase [5]
C08J 3/22	2-Punkt Untergruppe	. . using masterbatch techniques [2]
C08J 3/24	1-Punkt Untergruppe	. Crosslinking, e.g. vulcanising, of macromolecules (mechanical aspects B29C 35/00; crosslinking agents C08K) [2]
C08J 3/26	2-Punkt Untergruppe	. . of latex [2]
C08J 3/28	1-Punkt Untergruppe	. Treatment by wave energy or particle radiation [2]
C08J 5/00	Hauptgruppe	Manufacture of articles or shaped materials containing macromolecular substances (shaping of foodstuffs A23P; manufacture of semi-permeable membranes B01D 67/00 to B01D 71/00; mechanical features, see the relevant classes, e.g. B29) [2]
C08J 5/02	1-Punkt Untergruppe	. Direct processing of dispersions, e.g. latex, to articles [2]
C08J 5/04	1-Punkt Untergruppe	. Reinforcing macromolecular compounds with loose or coherent fibrous material (after-treatment of threads during manufacture D01F) [2]

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C08J 5/06	2-Punkt Untergruppe	. . using pretreated fibrous materials [2]
C08J 5/08	3-Punkt Untergruppe	. . . glass fibres [2]
C08J 5/10	2-Punkt Untergruppe	. . characterised by the additives used in the polymer mixture [2]
C08J 5/12	1-Punkt Untergruppe	. Bonding of a preformed macromolecular material to the same or other solid material such as metal, glass, leather, e.g. using adhesives [2]
C08J 5/14	1-Punkt Untergruppe	. Manufacture of abrasive or friction articles or materials [2]
C08J 5/16	1-Punkt Untergruppe	. Manufacture of articles or materials having reduced friction [2]
C08J 5/18	1-Punkt Untergruppe	. Manufacture of films or sheets [2]
C08J 5/20	1-Punkt Untergruppe	. Manufacture of shaped structures of ion-exchange resins [2]
C08J 5/22	2-Punkt Untergruppe	. . Films, membranes or diaphragms [2]
C08J 5/24	1-Punkt Untergruppe	. Impregnating materials with prepolymers which can be polymerised in situ, e.g. manufacture of prepregs [2]
C08J 7/00	Hauptgruppe	Chemical treatment or coating of shaped articles made of macromolecular substances (coating with metallic material C23C; electrolytic deposition of metals C25) [2]
C08J 7/02	1-Punkt Untergruppe	. with solvents, e.g. swelling agents [2]
C08J 7/04	1-Punkt Untergruppe	. Coating [2]
C08J 7/06	2-Punkt Untergruppe	. . with compositions not containing macromolecular substances [2]
C08J 7/12	1-Punkt Untergruppe	. Chemical modification [2]
C08J 7/14	2-Punkt Untergruppe	. . with acids, their salts or anhydrides [2]
C08J 7/16	2-Punkt Untergruppe	. . with polymerisable compounds [2]
C08J 7/18	3-Punkt Untergruppe	. . . using wave energy or particle radiation [2]
C08J 9/00	Hauptgruppe	Working-up of macromolecular substances to porous or cellular articles or materials; After-treatment thereof (mechanical aspects of shaping of plastics or substances in a plastic state for the production of porous or cellular articles B29C; foamed polymeric products of isocyanates or isothiocyanates characterised by the monomers or catalysts used C08G 18/00) [2]
C08J 9/02	1-Punkt Untergruppe	. using blowing gases generated by the reacting monomers or modifying agents during the preparation or modification of macromolecules [2]
C08J 9/04	1-Punkt Untergruppe	. using blowing gases generated by a previously added blowing agent [2]
C08J 9/06	2-Punkt Untergruppe	. . by a chemical blowing agent [2]
C08J 9/08	3-Punkt Untergruppe	. . . developing carbon dioxide [2]
C08J 9/10	3-Punkt Untergruppe	. . . developing nitrogen [2]
C08J 9/12	2-Punkt Untergruppe	. . by a physical blowing agent [2]
C08J 9/14	3-Punkt Untergruppe	. . . organic [2]
C08J 9/16	1-Punkt Untergruppe	. Making expandable particles [2, 5]
C08J 9/18	2-Punkt Untergruppe	. . by impregnating polymer particles with the blowing agent [2]
C08J 9/20	2-Punkt Untergruppe	. . by suspension polymerisation in the presence of the blowing agent [2]
C08J 9/22	1-Punkt Untergruppe	. After-treatment of expandable particles; Forming foamed products [2, 5]

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C08J 9/224	2-Punkt Untergruppe	. . Surface treatment [5]
C08J 9/228	2-Punkt Untergruppe	. . Forming foamed products [5]
C08J 9/232	3-Punkt Untergruppe	. . . by sintering expandable particles [5]
C08J 9/236	3-Punkt Untergruppe	. . . using binding agents [5]
C08J 9/24	1-Punkt Untergruppe	. by surface fusion and bonding of particles to form voids, e.g. sintering (of expandable particles C08J 9/232) [2, 5]
C08J 9/26	1-Punkt Untergruppe	. by elimination of a solid phase from a macromolecular composition or article, e.g. leaching out [2]
C08J 9/28	1-Punkt Untergruppe	. by elimination of a liquid phase from a macromolecular composition or article, e.g. drying of coagulum [2]
C08J 9/30	1-Punkt Untergruppe	. by mixing gases into liquid compositions or plastisols, e.g. frothing with air [2]
C08J 9/32	1-Punkt Untergruppe	. from compositions containing micro-balloons, e.g. syntactic foams (making micro-balloons B01J 13/02) [2]
C08J 9/33	1-Punkt Untergruppe	. Agglomerating foam fragments, e.g. waste foam [5]
C08J 9/34	1-Punkt Untergruppe	. Chemical features in the manufacture of articles consisting of a foamed macromolecular core and a macromolecular surface layer having a higher density than the core [2]
C08J 9/35	1-Punkt Untergruppe	. Composite foams, i.e. continuous macromolecular foams containing discontinuous cellular particles or fragments [5]
C08J 9/36	1-Punkt Untergruppe	. After-treatment (C08J 9/22 takes precedence) [2, 5]
C08J 9/38	2-Punkt Untergruppe	. . Destruction of cell membranes [2]
C08J 9/40	2-Punkt Untergruppe	. . Impregnation [2]
C08J 9/42	3-Punkt Untergruppe	. . . with macromolecular compounds [2]
C08J 11/00	Hauptgruppe	Recovery or working-up of waste materials (mechanical treatments B29; polymerisation processes involving purification or recycling of waste polymers or their depolymerisation products C08B , C08C , C08F , C08G , C08H) [4]
C08J 11/02	1-Punkt Untergruppe	. of solvents, plasticisers or unreacted monomers [4]
C08J 11/04	1-Punkt Untergruppe	. of polymers [2]
C08J 11/06	2-Punkt Untergruppe	. . without chemical reactions [4]
C08J 11/08	3-Punkt Untergruppe	. . . using selective solvents for polymer components (working-up tar by extraction with selective solvents C10C 1/18; working-up pitch, asphalt, bitumen by selective extraction C10C 3/08) [4]
C08J 11/10	2-Punkt Untergruppe	. . by chemically breaking down the molecular chains of polymers or breaking of crosslinks, e.g. devulcanisation (depolymerisation to the original monomer C07) [4]
C08J 11/12	3-Punkt Untergruppe	. . . by dry-heat treatment only (destructive distillation of carbonaceous materials for production of gas, coke, tar or similar matters C10B) [4]
C08J 11/14	3-Punkt Untergruppe	. . . by treatment with steam or water [4]
C08J 11/16	3-Punkt Untergruppe	. . . by treatment with inorganic material (C08J 11/14 takes precedence) [4]
C08J 11/18	3-Punkt Untergruppe	. . . by treatment with organic material [4]
C08J 11/20	4-Punkt Untergruppe	 by treatment with hydrocarbons or halogenated hydrocarbons [4]
C08J 11/22	4-Punkt Untergruppe	 by treatment with organic oxygen-containing compounds [4]

Symbol	Typ	Titel
C08J 11/24	5-Punkt Untergruppe	 containing hydroxyl groups [4]
C08J 11/26	5-Punkt Untergruppe	 containing carboxylic acid groups, their anhydrides or esters [4]
C08J 11/28	4-Punkt Untergruppe	. . . by treatment with organic compounds containing nitrogen, sulfur or phosphorus [4]