

Symbol	Typ	Titel
B	Sektion	PERFORMING OPERATIONS; TRANSPORTING
B29	Klasse	WORKING OF PLASTICS; WORKING OF SUBSTANCES IN A PLASTIC STATE IN GENERAL (processing doughs A21C; working chocolate A23G; casting of metals B22; working cement, clay B28; chemical aspects, see section C, particularly C08; working glass C03B; candle making C11C 5/02; making soap C11D 13/00; manufacture of artificial filaments, threads, fibres, bristles or ribbons D01D , D01F; manufacture of articles from cellulosic fibrous suspensions or from papier-m%\$ch D21J J\$)
B29B	Unterklasse	PREPARATION OR PRETREATMENT OF THE MATERIAL TO BE SHAPED; MAKING GRANULES OR PREFORMS; RECOVERY OF PLASTICS OR OTHER CONSTITUENTS OF WASTE MATERIAL CONTAINING PLASTICS [4]
B29B 7/00	Hauptgruppe	Mixing; Kneading (in general B01F; combined with calendering B29C 43/24 , with injection B29C 45/46 , with extrusion B29C 47/36) [4]
B29B 7/02	1-Punkt Untergruppe	. non-continuous, with mechanical mixing or kneading devices, i.e. batch type [4]
B29B 7/04	2-Punkt Untergruppe	. . with non-movable mixing or kneading devices [4]
B29B 7/06	2-Punkt Untergruppe	. . with movable mixing or kneading devices [4]
B29B 7/08	3-Punkt Untergruppe	. . . shaking, oscillating or vibrating [4]
B29B 7/10	3-Punkt Untergruppe	. . . rotary [4]
B29B 7/12	4-Punkt Untergruppe	 with single shaft [4]
B29B 7/14	5-Punkt Untergruppe	 with screw or helix [4]
B29B 7/16	5-Punkt Untergruppe	 with paddles or arms [4]
B29B 7/18	4-Punkt Untergruppe	 with more than one shaft [4]
B29B 7/20	5-Punkt Untergruppe	 with intermeshing devices, e.g. screws [4]
B29B 7/22	2-Punkt Untergruppe	. . Component parts, details or accessories; Auxiliary operations [4]
B29B 7/24	3-Punkt Untergruppe	. . . for feeding [4]
B29B 7/26	3-Punkt Untergruppe	. . . for discharging, e.g. doors [4]
B29B 7/28	3-Punkt Untergruppe	. . . for measuring, controlling or regulating, e.g. viscosity control [4]
B29B 7/30	1-Punkt Untergruppe	. continuous, with mechanical mixing or kneading devices [4]
B29B 7/32	2-Punkt Untergruppe	. . with non-movable mixing or kneading devices [4]
B29B 7/34	2-Punkt Untergruppe	. . with movable mixing or kneading devices [4]
B29B 7/36	3-Punkt Untergruppe	. . . shaking, oscillating or vibrating [4]
B29B 7/38	3-Punkt Untergruppe	. . . rotary (B29B 7/52 takes precedence) [4]
B29B 7/40	4-Punkt Untergruppe	 with single shaft [4]
B29B 7/42	5-Punkt Untergruppe	 with screw or helix [4]
B29B 7/44	5-Punkt Untergruppe	 with paddles or arms [4]
B29B 7/46	4-Punkt Untergruppe	 with more than one shaft [4]

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B29B 7/48	5-Punkt Untergruppe	 with intermeshing devices, e.g. screws [4]
B29B 7/50	4-Punkt Untergruppe	 with rotary casing [4]
B29B 7/52	3-Punkt Untergruppe	. . . with rollers or the like, e.g. calenders [4]
B29B 7/54	4-Punkt Untergruppe	 with a single roller co-operating with a stationary member [4]
B29B 7/56	4-Punkt Untergruppe	 with co-operating rollers [4]
B29B 7/58	2-Punkt Untergruppe	. . Component parts, details or accessories; Auxiliary operations [4]
B29B 7/60	3-Punkt Untergruppe	. . . for feeding, e.g. end guides for the incoming material [4]
B29B 7/62	3-Punkt Untergruppe	. . . Rollers, e.g. with grooves [4]
B29B 7/64	3-Punkt Untergruppe	. . . Stripping the material from the rollers [4]
B29B 7/66	3-Punkt Untergruppe	. . . Recycling the material [4]
B29B 7/68	3-Punkt Untergruppe	. . . Positioning of rollers [4]
B29B 7/70	3-Punkt Untergruppe	. . . Conditioning of rollers, e.g. cleaning [4]
B29B 7/72	3-Punkt Untergruppe	. . . Measuring, controlling or regulating [4]
B29B 7/74	1-Punkt Untergruppe	. using other mixers or combinations of dissimilar mixers [4]
B29B 7/76	2-Punkt Untergruppe	. . with stream impingement mixing head [4]
B29B 7/78	2-Punkt Untergruppe	. . by gravity, e.g. falling particle mixers [4]
B29B 7/80	1-Punkt Untergruppe	. Component parts, details or accessories; Auxiliary operations (B29B 7/22 , B29B 7/58 take precedence) [4]
B29B 7/82	2-Punkt Untergruppe	. . Heating or cooling [4]
B29B 7/84	2-Punkt Untergruppe	. . Venting or degassing [4]
B29B 7/86	2-Punkt Untergruppe	. . for working at sub- or superatmospheric pressure [4]
B29B 7/88	2-Punkt Untergruppe	. . Adding charges [4]
B29B 7/90	3-Punkt Untergruppe	. . . Fillers or reinforcements [4]
B29B 7/92	4-Punkt Untergruppe	 Wood chips or wood fibres [4]
B29B 7/94	3-Punkt Untergruppe	. . . Liquid charges [4]
B29B 9/00	Hauptgruppe	Making granules (in general B01); chemical aspects C08J 3/12) [4]
B29B 9/02	1-Punkt Untergruppe	. by dividing preformed material [4]
B29B 9/04	2-Punkt Untergruppe	. . in the form of plates or sheets [4]
B29B 9/06	2-Punkt Untergruppe	. . in the form of filamentary material, e.g. combined with extrusion [4]
B29B 9/08	1-Punkt Untergruppe	. by agglomerating smaller particles [4]
B29B 9/10	1-Punkt Untergruppe	. by moulding the material, i.e. treating it in the molten state [4]
B29B 9/12	1-Punkt Untergruppe	. characterised by structure or composition [4]
B29B 9/14	2-Punkt Untergruppe	. . fibre-reinforced [4]

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B29B 9/16	1-Punkt Untergruppe	. Auxiliary treatment of granules [4]
B29B 11/00	Hauptgruppe	Making preforms (B29C 61/06 takes precedence) [4]
B29B 11/02	1-Punkt Untergruppe	. by dividing preformed material, e.g. sheets, rods [4]
B29B 11/04	1-Punkt Untergruppe	. by assembling preformed material [4]
B29B 11/06	1-Punkt Untergruppe	. by moulding the material [4]
B29B 11/08	2-Punkt Untergruppe	. . Injection moulding [4]
B29B 11/10	2-Punkt Untergruppe	. . Extrusion moulding [4]
B29B 11/12	2-Punkt Untergruppe	. . Compression moulding [4]
B29B 11/14	1-Punkt Untergruppe	. characterised by structure or composition [4]
B29B 11/16	2-Punkt Untergruppe	. . comprising fillers or reinforcements [4]
B29B 13/00	Hauptgruppe	Conditioning or physical treatment of the material to be shaped (chemical aspects C08J 3/00) [4]
B29B 13/02	1-Punkt Untergruppe	. by heating (B29B 13/06 , B29B 13/08 take precedence) [4]
B29B 13/04	1-Punkt Untergruppe	. by cooling [4]
B29B 13/06	1-Punkt Untergruppe	. by drying (B29B 13/08 takes precedence) [4]
B29B 13/08	1-Punkt Untergruppe	. by using wave energy or particle radiation [4]
B29B 13/10	1-Punkt Untergruppe	. by grinding, e.g. by triturating; by sieving; by filtering [4]
B29B 15/00	Hauptgruppe	Pretreatment of the material to be shaped, not covered by groups B29B 7/00 to B29B 13/00 [4]
B29B 15/02	1-Punkt Untergruppe	. of crude rubber, gutta-percha, or similar substances (tapping latex A01G; chemical aspects C08C) [4]
B29B 15/04	2-Punkt Untergruppe	. . Coagulating devices [4]
B29B 15/06	2-Punkt Untergruppe	. . Washing devices [4]
B29B 15/08	1-Punkt Untergruppe	. of reinforcements or fillers (chemical aspects C08J , C08K) [4]
B29B 15/10	2-Punkt Untergruppe	. . Coating or impregnating (applying liquids in general B05) [4]
B29B 15/12	3-Punkt Untergruppe	. . . of reinforcements of indefinite length [4]
B29B 15/14	4-Punkt Untergruppe	 of filaments or wires [4]
B29B 17/00	Hauptgruppe	Recovery of plastics or other constituents of waste material containing plastics (chemical recovery C08J 11/00) [4]
B29B 17/02	1-Punkt Untergruppe	. Separating plastics from other materials [4]