

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-mâché D21J J\$)
B29D	Unterklasse	PRODUCING PARTICULAR ARTICLES FROM PLASTICS OR FROM SUBSTANCES IN A PLASTIC STATE (making granules B29B 9/00; making preforms B29B 11/00) [4]
B29D 1/00	Hauptgruppe	Producing articles provided with screw threads
B29D 5/00	Hauptgruppe	Producing elements of slide fasteners; Combined making and attaching of elements of slide fasteners [4]
B29D 5/02	1-Punkt Untergruppe	. the fasteners having separate interlocking members [4]
B29D 5/04	1-Punkt Untergruppe	. the interlocking members being formed by continuous meander of filamentary material [4]
B29D 5/06	1-Punkt Untergruppe	. the interlocking members being formed by continuous helix [4]
B29D 5/08	1-Punkt Untergruppe	. the interlocking members being formed by profiled or castellated edge of a stringer [4]
B29D 5/10	1-Punkt Untergruppe	. the interlocking members being formed by continuous profiled strip [4]
B29D 7/00	Hauptgruppe	Producing flat articles, e.g. films or sheets (B29D 24/00 takes precedence) [4]
B29D 7/01	1-Punkt Untergruppe	. Films or sheets [4]
B29D 9/00	Hauptgruppe	Producing layered products [4]
B29D 11/00	Hauptgruppe	Producing optical elements, e.g. lenses, prisms (grinding or polishing of optical elements B24B; constructional form of optical elements G02B) [4]
B29D 11/02	1-Punkt Untergruppe	. Artificial eyes from organic plastic material
B29D 12/00	Hauptgruppe	Producing frames
B29D 12/02	1-Punkt Untergruppe	. Spectacle frames (constructional form G02C)
B29D 15/00	Hauptgruppe	Producing gear wheels or similar articles with grooves or projections, e.g. control knobs
B29D 16/00	Hauptgruppe	Producing articles with corrugations (B29D 23/18 takes precedence) [4]
B29D 17/00	Hauptgruppe	Producing carriers of records containing fine grooves or impressions, e.g. disc records for needle playback, cylinder records (recording sound or other information using formed grooves or the equivalent G11B); Producing record discs from master stencils [4, 6]
B29D 19/00	Hauptgruppe	Producing buttons or semi-finished parts of buttons
B29D 19/04	1-Punkt Untergruppe	. by cutting, milling, turning, stamping, or perforating moulded parts; Surface treatment of buttons
B29D 19/06	2-Punkt Untergruppe	. . Devices for feeding semi-finished parts to the processing machines
B29D 19/08	2-Punkt Untergruppe	. . Making holes in buttons or in semi-finished parts thereof
B29D 21/00	Hauptgruppe	Producing hair combs or similar toothed or slotted articles
B29D 21/04	1-Punkt Untergruppe	. by sawing, milling, cutting, or similar operations
B29D 21/06	1-Punkt Untergruppe	. Polishing
B29D 22/00	Hauptgruppe	Producing hollow articles (tubular articles B29D 23/00; pneumatic tyres B29D 30/00) [4]
B29D 22/02	1-Punkt Untergruppe	. Inflatable articles [7]
B29D 22/04	1-Punkt Untergruppe	. Spherical articles, e.g. balls (B29D 22/02 takes precedence) [7]

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B29D 23/00	Hauptgruppe	Producing tubular articles (B29D 24/00 takes precedence) [4]
B29D 23/14	1-Punkt Untergruppe	. Cigar or cigarette holders [4]
B29D 23/18	1-Punkt Untergruppe	. Pleated hoses [4]
B29D 23/20	1-Punkt Untergruppe	. Flexible squeeze tubes, e.g. for cosmetics [4]
B29D 23/24	1-Punkt Untergruppe	. Endless tubes, e.g. inner tubes for pneumatic tyres [6]
B29D 24/00	Hauptgruppe	Producing articles with hollow walls [4]
B29D 25/00	Hauptgruppe	Producing frameless domes
B29D 28/00	Hauptgruppe	Producing nets or the like (by knotting D04G) [4]
B29D 29/00	Hauptgruppe	Producing belts or bands [4]
B29D 29/06	1-Punkt Untergruppe	. Conveyer belts [4]
B29D 29/08	1-Punkt Untergruppe	. Toothed driving belts [4]
B29D 29/10	1-Punkt Untergruppe	. Driving belts having wedge-shaped cross-section [4]
B29D 30/00	Hauptgruppe	Producing pneumatic or solid tyres or parts thereof (producing inner tubes B29D 23/24; constructional form of tyres or parts thereof B60C; connection of valves to inflatable elastic bodies B60C 29/00; testing of tyres G01M 17/02) [4]
B29D 30/02	1-Punkt Untergruppe	. Solid tyres [4]
B29D 30/04	1-Punkt Untergruppe	. Resilient fillings for rubber tyres; Filling tyres therewith [4]
B29D 30/06	1-Punkt Untergruppe	. Pneumatic tyres or parts thereof [4]
B29D 30/08	2-Punkt Untergruppe	. . Building tyres [4]
B29D 30/10	3-Punkt Untergruppe	. . . on round cores, i.e. the shape of the core is approximately identical with the shape of the completed tyre [4]
B29D 30/12	4-Punkt Untergruppe	 Cores [4]
B29D 30/14	4-Punkt Untergruppe	 Rolling-down or pressing-down the layers in the building process [4]
B29D 30/16	4-Punkt Untergruppe	 Applying the layers; Guiding or stretching the layers during application [4]
B29D 30/18	4-Punkt Untergruppe	 Fitting the bead-rings or bead-cores; Folding the textile layers around the rings or cores [4]
B29D 30/20	3-Punkt Untergruppe	. . . by the flat-tyre method, i.e. building on cylindrical drums [4]
B29D 30/22	4-Punkt Untergruppe	 Breaker plies being applied in the unexpanded state [4]
B29D 30/24	4-Punkt Untergruppe	 Drums [4]
B29D 30/26	5-Punkt Untergruppe	 Accessories or details, e.g. membranes, transferrings [4]
B29D 30/28	4-Punkt Untergruppe	 Rolling-down or pressing-down the layers in the building process [4]
B29D 30/30	4-Punkt Untergruppe	 Applying the layers; Guiding or stretching the layers during application [4]
B29D 30/32	4-Punkt Untergruppe	 Fitting the bead-rings or bead-cores; Folding the textile layers around the rings or cores [4]
B29D 30/34	3-Punkt Untergruppe	. . . by jointly covering two bead-rings, located parallel to each other at a distance apart, with fabric or cord layers [4]
B29D 30/36	2-Punkt Untergruppe	. . Expansion of tyres in a flat form, e.g. of tyres built by the flat-tyre method or by jointly covering two bead-rings [4]

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B29D 30/38	2-Punkt Untergruppe	. . Textile inserts, e.g. cord or canvas layers, for tyres (making woven fabrics D03D); Treatment of inserts prior to building the tyre (pretreatment of inserts B29B 15/00; manufacture of layers comprising fibrous parallel reinforcements of substantial or continuous length B29C 70/20) [4]
B29D 30/40	3-Punkt Untergruppe	. . . Chemical pretreatment of textile inserts before building the tyre [4]
B29D 30/42	3-Punkt Untergruppe	. . . Endless textile bands without bead-rings [4]
B29D 30/44	3-Punkt Untergruppe	. . . Stretching or treating the layers before application on the drum (during application B29D 30/30) [4]
B29D 30/46	3-Punkt Untergruppe	. . . Cutting textile inserts to required shape [4]
B29D 30/48	2-Punkt Untergruppe	. . Bead-rings or bead-cores (from wire B21F 37/00); Treatment thereof prior to building the tyre [4]
B29D 30/50	3-Punkt Untergruppe	. . . Covering, e.g. by winding, the separate bead-rings or bead-cores with textile material, e.g. with flipper strips (folding textile layers around bead-rings or bead-cores B29D 30/18 , B29D 30/32; jointly covering bead-rings or bead-cores B29D 30/34) [4]
B29D 30/52	2-Punkt Untergruppe	. . Unvulcanised treads, e.g. on used tyres; Retreading (apparatus for forming and vulcanising treads B29C 35/02; apparatus characterised by the means for holding wheels or parts thereof B60B 30/00) [4, 5]
B29D 30/54	3-Punkt Untergruppe	. . . Retreading [4]
B29D 30/56	4-Punkt Untergruppe	 Retreading with prevulcanised tread [4]
B29D 30/58	3-Punkt Untergruppe	. . . Applying bands of rubber treads, i.e. applying camel backs [4]
B29D 30/60	4-Punkt Untergruppe	 by winding narrow strips [4]
B29D 30/62	4-Punkt Untergruppe	 by extrusion or injection of the tread on carcass [4]
B29D 30/64	3-Punkt Untergruppe	. . . Tyre spreaders [4]
B29D 30/66	3-Punkt Untergruppe	. . . Moulding treads on to tyre casings, e.g. non-skid treads with spikes [4]
B29D 30/68	3-Punkt Untergruppe	. . . Cutting profiles into the treads of tyres [4]
B29D 30/70	2-Punkt Untergruppe	. . Annular breakers [4]
B29D 30/72	2-Punkt Untergruppe	. . Side-walls [4]
B29D 31/00	Hauptgruppe	Producing other particular articles (artificial teeth A61C 13/08)
B29D 31/02	1-Punkt Untergruppe	. Bushes for bearings
B29D 31/50	1-Punkt Untergruppe	. Footwear [6]
B29D 31/502	2-Punkt Untergruppe	. . made in one piece using a moulding technique, e.g. by injection moulding, casting [6]
B29D 31/505	3-Punkt Untergruppe	. . . having multilayered parts [6]
B29D 31/508	2-Punkt Untergruppe	. . having soles or heels formed and joined on to preformed uppers using a moulding technique, e.g. by injection moulding, pressing and vulcanising [6]
B29D 31/51	3-Punkt Untergruppe	. . . having multilayered parts [6]
B29D 31/512	2-Punkt Untergruppe	. . having preformed soles or heels joined on to preformed uppers using a moulding technique, e.g. by feeding or injecting plastics material between the parts to be joined [6]
B29D 31/515	2-Punkt Untergruppe	. . Producing parts thereof, e.g. soles, heels, uppers, by a moulding technique [6]
B29D 31/518	3-Punkt Untergruppe	. . . Multilayered parts [6]