SECTION B — PERFORMING OPERATIONS; TRANSPORTING

B29 WORKING OF PLASTICS; WORKING OF SUBSTANCES IN A PLASTIC STATE IN GENERAL

B29D PRODUCING PARTICULAR ARTICLES FROM PLASTICS OR FROM SUBSTANCES IN A PLASTIC STATE (making granules B29B 9/00; making preforms B29B 11/00) **[4]**

Note(s)

1. Attention is drawn to Note (3) following the title of class B29.
2. In this subclass, it is desirable to add the indexing codes of subclass B29K.

1/00 Producing articles provided with screw threads

5/00 Producing elements of slide fasteners; Combined making and attaching of elements of slide fasteners [4]
5/02 • the fasteners having separate interlocking members **[4]**
5/04 • the interlocking members being formed by continuous meander of filamentary material **[4]**
5/06 • the interlocking members being formed by continuous helix **[4]**
5/08 • the interlocking members being formed by profiled or castellated edge of a stringer **[4]**
5/10 • the interlocking members being formed by continuous profiled strip **[4]**

7/00 Producing flat articles, e.g. films or sheets (B29D 24/00 takes precedence) **[4]**
7/01 • Films or sheets **[4]**

11/00 Producing optical elements, e.g. lenses or prisms [4]
11/02 • Artificial eyes from organic plastic material

12/00 Producing frames
12/02 • Spectacle frames

15/00 Producing gear wheels or similar articles with grooves or projections, e.g. control knobs

16/00 Producing articles with corrugations (B29D 23/18 takes precedence) **[4]**

17/00 Producing carriers of records containing fine grooves or impressions, e.g. disc records for needle playback or cylinder records; Producing record discs from master stencils [4, 6]

19/00 Producing buttons or semi-finished parts of buttons
19/04 • by cutting, milling, turning, stamping, or perforating moulded parts; Surface treatment of buttons
19/06 • • Devices for feeding semi-finished parts to the processing machines
19/08 • • Making holes in buttons or in semi-finished parts thereof

21/00 Producing hair combs or similar toothed or slotted articles
21/04 • by sawing, milling, cutting, or similar operations
21/06 • Polishing

22/00 Producing hollow articles (tubular articles B29D 23/00; pneumatic tyres B29D 30/00) **[4]**
22/02 • Inflatable articles **[7]**
22/04 • Spherical articles, e.g. balls (B29D 22/02 takes precedence) **[7]**

23/00 Producing tubular articles (B29D 24/00 takes precedence) **[4]**
23/14 • Cigar or cigarette holders **[4]**
23/18 • Pleated hoses **[4]**
23/20 • Flexible squeeze tubes, e.g. for cosmetics **[4]**
23/24 • Endless tubes, e.g. inner tubes for pneumatic tyres **[6]**

24/00 Producing articles with hollow walls [4]

25/00 Producing frameless domes

28/00 Producing nets or the like [4]

29/00 Producing belts or bands [4]
29/06 • Conveyor belts **[4]**
29/08 • Toothed driving belts **[4]**
29/10 • Driving belts having wedge-shaped cross-section **[4]**

30/00 Producing pneumatic or solid tyres or parts thereof (producing inner tubes B29D 23/24; connection of valves to inflatable elastic bodies B60C 29/00) **[4]**
30/02 • Solid tyres **[4]**
30/04 • Resilient fillings for rubber tyres; Filling tyres therewith **[4]**
30/06 • Pneumatic tyres or parts thereof **[4]**
30/08 • • Building tyres **[4]**
30/10 • • • on round cores, i.e. the shape of the core is approximately identical with the shape of the completed tyre **[4]**
30/12 • • • • Cores **[4]**
30/14 • • • • Rolling-down or pressing-down the layers in the building process **[4]**
30/16 • • • • Applying the layers; Guiding or stretching the layers during application **[4]**
30/18 • • • • Fitting the bead-rings or bead-cores; Folding the textile layers around the rings or cores **[4]**
30/20 • • • by the flat-tyre method, i.e. building on cylindrical drums **[4]**
30/22 • • • • Breaker plies being applied in the unexpanded state **[4]**
30/24 • • • • Drums **[4]**

30/26 • • • • • Accessories or details, e.g. membranes or transfer rings **[4]**
30/28 • • • • Rolling-down or pressing-down the layers in the building process **[4]**
30/30 • • • • Applying the layers; Guiding or stretching the layers during application **[4]**
30/32 • • • • Fitting the bead-rings or bead-cores; Folding the textile layers around the rings or cores **[4]**
30/34 • • • by jointly covering two bead-rings, located parallel to each other at a distance apart, with fabric or cord layers **[4]**
30/36 • • 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]**
30/38 • • Textile inserts, e.g. cord or canvas layers, for tyres; Treatment of inserts prior to building the tyre (manufacture of layers comprising fibrous parallel reinforcements of substantial or continuous length B29C 70/20) **[4]**
30/40 • • • Chemical pretreatment of textile inserts before building the tyre **[4]**
30/42 • • • Endless textile bands without bead-rings **[4]**
30/44 • • • Stretching or treating the layers before application on the drum **[4]**
30/46 • • • Cutting textile inserts to required shape **[4]**
30/48 • • Bead-rings or bead-cores; Treatment thereof prior to building the tyre **[4]**
30/50 • • • Covering, e.g. by winding, the separate bead-rings or bead-cores with textile material, e.g. with flipper strips **[4]**
30/52 • • Unvulcanised treads, e.g. on used tyres; Retreading **[4, 5]**
30/54 • • • Retreading **[4]**
30/56 • • • • Retreading with prevulcanised tread **[4]**
30/58 • • • Applying bands of rubber treads, i.e. applying camel backs **[4]**
30/60 • • • • by winding narrow strips **[4]**
30/62 • • • • by extrusion or injection of the tread on carcass **[4]**
30/64 • • • Tyre spreaders **[4]**
30/66 • • • Moulding treads on to tyre casings, e.g. non-skid treads with spikes **[4]**
30/68 • • • Cutting profiles into the treads of tyres **[4]**
30/70 • • Annular breakers **[4]**
30/72 • • Side-walls **[4]**

33/00 Producing bushes for bearings [2010.01]

35/00 Producing footwear [2010.01]

Note(s) [2010.01]

1. Classification is made in this group if the moulding technique is of interest.
2. The assembling of individual parts by mechanical joining is classified in subclass A43D, e.g. by gluing shoe parts A43D 25/00.

35/02 • made in one piece using a moulding technique, e.g. by injection moulding or casting **[2010.01]**
35/04 • • having multilayered parts **[2010.01]**
35/06 • having soles or heels formed and joined on to preformed uppers using a moulding technique, e.g. by injection moulding, pressing and vulcanising **[2010.01]**
35/08 • • having multilayered parts **[2010.01]**
35/10 • 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 **[2010.01]**
35/12 • Producing parts thereof, e.g. soles, heels or uppers, by a moulding technique **[2010.01]**
35/14 • • Multilayered parts **[2010.01]**

99/00 Subject matter not provided for in other groups of this subclass [2010.01]