SECTION B — PERFORMING OPERATIONS; TRANSPORTING

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

B29B 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]

Note(s)

In this subclass, it is desirable to add the indexing codes of subclass B29K.

Subclass index

PRETREATMENT
Mixing; kneading.....7/00
Conditioning.....13/00
Other pretreatment.....15/00
MAKING GRANULES OR PREFORMS.....9/00, 11/00
RECOVERY OF PLASTICS.....17/00

7/00 **Mixing; Kneading** (in general B01F; combined with calendering B29C 43/24, with injection B29C 45/46, with extrusion B29C 47/36) **[4]**

7/02 • non-continuous, with mechanical mixing or kneading devices, i.e. batch type **[4]**

7/04 • • with non-movable mixing or kneading devices **[4]**

7/06 • • with movable mixing or kneading devices **[4]**

7/08 • • • shaking, oscillating or vibrating **[4]**

7/10 • • • rotary **[4]**

7/12 • • • • with single shaft **[4]**

7/14 • • • • • with screw or helix **[4]**

7/16 • • • • • with paddles or arms **[4]**

7/18 • • • • with more than one shaft **[4]**

7/20 • • • • • with intermeshing devices, e.g. screws **[4]**

7/22 • • Component parts, details or accessories; Auxiliary operations **[4]**

7/24 • • • for feeding **[4]**

7/26 • • • for discharging, e.g. doors **[4]**

7/28 • • • for measuring, controlling or regulating, e.g. viscosity control **[4]**

7/30 • continuous, with mechanical mixing or kneading devices **[4]**

7/32 • • with non-movable mixing or kneading devices **[4]**

7/34 • • with movable mixing or kneading devices **[4]**

7/36 • • • shaking, oscillating or vibrating **[4]**

7/38 • • • rotary (B29B 7/52 takes precedence) **[4]**

7/40 • • • • with single shaft **[4]**

7/42 • • • • • with screw or helix **[4]**

7/44 • • • • • with paddles or arms **[4]**

7/46 • • • • with more than one shaft **[4]**

7/48 • • • • • with intermeshing devices, e.g. screws **[4]**

7/50 • • • • with rotary casing **[4]**

7/52 • • • with rollers or the like, e.g. calenders **[4]**

7/54 • • • • with a single roller co-operating with a stationary member **[4]**

7/56 • • • • with co-operating rollers **[4]**

7/58 • • Component parts, details or accessories; Auxiliary operations **[4]**

7/60 • • • for feeding, e.g. end guides for the incoming material **[4]**

7/62 • • • Rollers, e.g. with grooves **[4]**

7/64 • • • Stripping the material from the rollers **[4]**

7/66 • • • Recycling the material **[4]**

7/68 • • • Positioning of rollers **[4]**

7/70 • • • Conditioning of rollers, e.g. cleaning **[4]**

7/72 • • • Measuring, controlling or regulating **[4]**

7/74 • using other mixers or combinations of dissimilar mixers **[4]**

7/76 • • with stream impingement mixing head **[4]**

7/78 • • by gravity, e.g. falling particle mixers **[4]**

7/80 • Component parts, details or accessories; Auxiliary operations (B29B 7/22, B29B 7/58 take precedence) **[4]**

7/82 • • Heating or cooling **[4]**

7/84 • • Venting or degassing **[4]**

7/86 • • for working at sub- or superatmospheric pressure **[4]**

7/88 • • Adding charges **[4]**

7/90 • • • Fillers or reinforcements **[4]**

7/92 • • • • Wood chips or wood fibres **[4]**

7/94 • • • Liquid charges **[4]**

9/00 **Making granules** (in general B01J; chemical aspects C08J 3/12) **[4]**

9/02 • by dividing preformed material **[4]**

9/04 • • in the form of plates or sheets **[4]**

9/06 • • in the form of filamentary material, e.g. combined with extrusion **[4]**

9/08 • by agglomerating smaller particles **[4]**

9/10 • by moulding the material, i.e. treating it in the molten state **[4]**

9/12 • characterised by structure or composition **[4]**
9/14 • • fibre-reinforced **[4]**
9/16 • Auxiliary treatment of granules **[4]**

11/00 **Making preforms** (B29C 61/06 takes precedence) **[4]**
11/02 • by dividing preformed material, e.g. sheets, rods **[4]**
11/04 • by assembling preformed material **[4]**
11/06 • by moulding the material **[4]**
11/08 • • Injection moulding **[4]**
11/10 • • Extrusion moulding **[4]**
11/12 • • Compression moulding **[4]**
11/14 • characterised by structure or composition **[4]**
11/16 • • comprising fillers or reinforcements **[4]**

13/00 **Conditioning or physical treatment of the material to be shaped** (chemical aspects C08J 3/00) **[4]**
13/02 • by heating (B29B 13/06, B29B 13/08 take precedence) **[4]**
13/04 • by cooling **[4]**
13/06 • by drying (B29B 13/08 takes precedence) **[4]**
13/08 • by using wave energy or particle radiation **[4]**
13/10 • by grinding, e.g. by triturating; by sieving; by filtering **[4]**

15/00 **Pretreatment of the material to be shaped, not covered by groups B29B 7/00-B29B 13/00 [4]**
15/02 • of crude rubber, gutta-percha, or similar substances (tapping latex A01G; chemical aspects C08C) **[4]**
15/04 • • Coagulating devices **[4]**
15/06 • • Washing devices **[4]**
15/08 • of reinforcements or fillers (chemical aspects C08J, C08K) **[4]**
15/10 • • Coating or impregnating (applying liquids in general B05) **[4]**
15/12 • • • of reinforcements of indefinite length **[4]**
15/14 • • • • of filaments or wires **[4]**

17/00 **Recovery of plastics or other constituents of waste material containing plastics** (chemical recovery C08J 11/00) **[4]**
17/02 • Separating plastics from other materials **[4]**
17/04 • Disintegrating plastics (B29B 9/02, B29B 11/02, B29B 13/10 take precedence) **[2006.01]**