

Title (en)

PLUNGER DEVICE FOR SHAPING A PARISON IN A MOULD OF A GLASS-MAKING MACHINE

Title (de)

PEGELEINRICHTUNG ZUM AUSFORMEN EINES KÜLBELS IN EINER FORM EINER GLASMASCHINE

Title (fr)

DISPOSITIF DE NIVEAU DESTINÉ AU FORMAGE D'UNE ÉBAUCHE DANS UN MOULE D'UNE MACHINE À FAÇONNER LE VERRE

Publication

EP 2683663 A1 20140115 (DE)

Application

EP 11710685 A 20110311

Priority

EP 2011001211 W 20110311

Abstract (en)

[origin: WO2012122991A1] A plunger device for shaping a parison in a mould (2) of a glass-making machine has a top ring (3), which is arranged at the lower end of the mould (2) and by means of which a mouth region of the parison can be shaped, a plunger, which can be moved into and out of the mould (2), and a guiding sleeve (4), which can be moved towards the underside of the top ring arranged on the mould (2) and away from this underside, through which the plunger can be moved into and out of the mould (2) and by means of which the plunger can be guided. To allow the mouth region of the parison to be shaped over a sufficiently long period of time and allow the pre-blowing operation to be commenced earlier than in the case of plunger devices known from the prior art, it is proposed that the plunger is formed as a plunger tip (10), that the guiding sleeve (4) has an upper portion (6), which protrudes in the direction of the mould (2), in the upper end position of the guiding sleeve (4) protrudes through the top ring (3) into the mould (2) and forms a plunger side wall (9) in contact with the glass, and through which blowing air can be applied to the mould (2) in the upper end position of the guiding sleeve (4) when the plunger tip (10) is moved back in the downward direction.

IPC 8 full level

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CPC (source: EP)

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See references of WO 2012122991A1

Citation (examination)

GB 2097380 A 19821103 - ROCKWARE GLASS LTD

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