

Title (en)

INJECTION MOULDING MACHINE WITH STACK MOULD FOR INJECTION COMPRESSION MOULDING APPLICATIONS AND INJECTION COMPRESSION MOLDING METHOD

Title (de)

SPRITZGIESSMASCHINE MIT ETAGENWERKZEUG FÜR SPRITZPRÄGEANWENDUNGEN UND SPRITZPRÄGEVERFAHREN

Title (fr)

MACHINE À MOULER PAR INJECTION AVEC MOULE À ÉTAGES POUR DES APPLICATIONS DE MOULAGE PAR INJECTION COMPRESSION ET PROCÉDÉ DE MOULAGE PAR INJECTION COMPRESSION

Publication

EP 3328608 A1 20180606 (DE)

Application

EP 16747479 A 20160728

Priority

- DE 102015112508 A 20150730
- EP 2016067986 W 20160728

Abstract (en)

[origin: WO2017017175A1] A description is given of an injection-moulding machine with a multi-daylight mould (6) with a snorkel (12), by way of which melt can be fed into a central part (6b) of the multi-daylight mould, wherein the snorkel (12) and the nozzle (11) of the injection unit (2) can be pressed against one another. According to the invention, it is provided that, during the injecting operation, in particular during an injecting operation before and/or during the performance of a compression stroke (HP) of the multi-daylight mould (6), the injection unit (2) can be fixed in a position, seen in the longitudinal direction of the machine, in which the nozzle (11) of the injection unit (2) is pressed against a prestressed, movable part (12c) of the snorkel (12), or in which the snorkel (12) is pressed against a prestressed, movable part (11b) of the nozzle (11) when the multi-daylight mould (6) is in a position for performing a compression stroke (HP). The prestressing of the movable part and the stroke (HS, HD) thereof are such that the nozzle (11) and the snorkel (12) remain pressed against one another during the injecting operation.

IPC 8 full level

B29C 45/17 (2006.01); **B29C 45/20** (2006.01); **B29C 45/32** (2006.01); **B29C 45/56** (2006.01)

CPC (source: EP US)

B29C 45/12 (2013.01 - US); **B29C 45/1777** (2013.01 - EP US); **B29C 45/20** (2013.01 - EP US); **B29C 45/322** (2013.01 - EP US); **B29C 45/561** (2013.01 - EP US); **B29C 2045/5615** (2013.01 - EP US)

Citation (search report)

See references of WO 2017017175A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 202016104165 U1 20161114; CN 107921683 A 20180417; DE 102015112508 A1 20170202; EP 3328608 A1 20180606; US 2018222099 A1 20180809; WO 2017017175 A1 20170202

DOCDB simple family (application)

DE 202016104165 U 20160729; CN 201680043907 A 20160728; DE 102015112508 A 20150730; EP 16747479 A 20160728; EP 2016067986 W 20160728; US 201615748525 A 20160728