

Title (en)
METHOD AND APPARATUS FOR EXTRUSION INJECTION FORMING

Title (de)
VERFAHREN UND VORRICHTUNG ZUM EXTRUSIONS-SPRITZGIESS-FORMEN

Title (fr)
PROCEDE ET APPAREIL POUR LE FORMAGE PAR EXTRUSION-INJECTION

Publication
EP 1960168 A1 20080827 (EN)

Application
EP 05815157 A 20051213

Priority
SG 2005000416 W 20051213

Abstract (en)
[origin: WO2007070005A1] Apparatus (10) for extrusion injection forming of an article in a cavity (22) of a mould using a material, the apparatus (10) comprising an extrusion head (16) able to be operatively connected to the mould (12); the extrusion head (16) comprising an inlet (36), an outlet passage (42) operatively connected to the inlet (36) and an outlet opening (44) at a end of the outlet passage (42) and remote from the inlet (36); the outlet passage (42) being of a length and cross- sectional area for passage therealong of the material such that material flow is unidirectional, and for outlet of the material through the outlet opening (42) with substantially uniform pressure over the cross-sectional area.

IPC 8 full level
B28B 1/24 (2006.01); **B28B 3/20** (2006.01); **B28B 13/02** (2006.01); **B29C 45/18** (2006.01); **B29C 45/53** (2006.01); **B29C 45/77** (2006.01); **B29C 48/09** (2019.01); **B29C 48/00** (2019.01)

CPC (source: EP)
B28B 1/24 (2013.01); **B28B 3/24** (2013.01); **B29C 45/46** (2013.01); **B29C 48/09** (2019.01); **B30B 11/221** (2013.01); **B30B 11/26** (2013.01); **B29C 45/02** (2013.01); **B29C 45/53** (2013.01); **B29C 48/00** (2019.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007070005 A1 20070621; CN 101356044 A 20090128; EP 1960168 A1 20080827; EP 1960168 A4 20090805

DOCDB simple family (application)
SG 2005000416 W 20051213; CN 200580052314 A 20051213; EP 05815157 A 20051213