

Title (en)

MULTI-STAGE ROTARY MOULD FOR INJECTION BLOW MOULDING AND MULTI-INJECTION MOULDING

Title (de)

MEHRPHASIGE DREHFORM FÜR SPRITZBLASFORMEN UND MEHRFACHSPRITZGIESSEN

Title (fr)

MOULE ROTATIF MULTI-ÉTAGE POUR INJECTION-SOUFFLAGE ET MULTI-INJECTION

Publication

EP 2611592 A1 20130710 (FR)

Application

EP 11764810 A 20110830

Priority

- FR 1056882 A 20100831
- FR 2011051984 W 20110830

Abstract (en)

[origin: WO2012028818A1] The invention relates to a mould associated with a rotation system (4) or comprising a built-in rotation system. The invention comprises: a stationary part (5) located at one end; an axially mobile part (6) at the end opposite the stationary part; at least two coaxial, axially mobile rotary parts (7, 8) between the stationary part (5) and the mobile part (6); and at least one non-rotary central or intermediate plate (9) disposed between the rotary parts (7, 8). The aforementioned parts are provided with mould cavities (14, 26) supplied by means (18) for dispensing a material. The rotary parts (7, 8) are directly or indirectly linked to the rotation system (4). In particular, the invention relates to a two-stage mould for injection blow moulding or multi-injection moulding.

IPC 8 full level

B29C 49/06 (2006.01); **B29C 45/06** (2006.01); **B29C 45/16** (2006.01); **B29C 45/32** (2006.01)

CPC (source: EP)

B29C 45/0053 (2013.01); **B29C 45/062** (2013.01); **B29C 45/1615** (2013.01); **B29C 45/1625** (2013.01); **B29C 45/322** (2013.01); **B29C 49/063** (2013.01); **B29C 49/06** (2013.01); **B29C 49/36** (2013.01); **B29C 49/6427** (2013.01); **B29C 2049/023** (2013.01); **B29C 2949/0715** (2022.05)

Citation (search report)

See references of WO 2012028818A1

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

DOCDB simple family (publication)

FR 2964060 A1 20120302; **FR 2964060 B1 20140117**; EP 2611592 A1 20130710; WO 2012028818 A1 20120308

DOCDB simple family (application)

FR 1056882 A 20100831; EP 11764810 A 20110830; FR 2011051984 W 20110830