

Title (en)

METHOD FOR MANUFACTURING A MULTI-MATERIAL PRODUCT TROUGH MOULD INJECTION AND ITS MOULD

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES PRODUKTS AUS MEHREREN MATERIALIEN MITTELS SPRITZGIESSEN UND FORM

Title (fr)

PROCÉDÉ POUR LA FABRICATION D'UN PRODUIT MULTIMATIÈRE PAR INJECTION EN MOULE ET SON MOULE

Publication

EP 2456605 A2 20120530 (EN)

Application

EP 10747285 A 20100722

Priority

- PT 10468509 A 20090722
- IB 2010053346 W 20100722

Abstract (en)

[origin: WO2011010295A2] The present invention describes a method for manufacturing a multi-material product by injection into a mould, the injected materials, the mould itself able to perform the said method and the thus obtained plastic parts. injecting one or more first materials (3,5) into a closed mould into one or several first cavities; partially opening the mould, subsequent to first material (3,5) solidification, a simultaneous extraction occurring up to a preset value; injecting one or more second materials (9) into one or more second cavities, the said cavities allowing the second materials (9) to bind to the first materials (3,5). This method can be used for manufacturing plastic parts such as packaging or large parts for the automotive industry.

IPC 8 full level

B29C 45/16 (2006.01)

CPC (source: EP)

B29C 45/1635 (2013.01); **B29L 2031/3014** (2013.01)

Citation (search report)

See references of WO 2011010295A2

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2011010295 A2 20110127; **WO 2011010295 A3 20110505**; EP 2456605 A2 20120530; PT 104685 A 20110124

DOCDB simple family (application)

IB 2010053346 W 20100722; EP 10747285 A 20100722; PT 10468509 A 20090722