

Title (en)

PROCESS FOR PRODUCING HOLLOW PLASTIC MOULDINGS WHICH ARE REINFORCED WITH CONTINUOUS FIBRES AND HAVE A THERMOPLASTIC POLYMER MATRIX

Title (de)

VERFAHREN ZUR HERSTELLUNG VON ENDLOSFASERVERSTÄRKTEN KUNSTSTOFFHOHLFORMKÖRPERN MIT EINER THERMOPLASTISCHEN KUNSTSTOFFMATRIX

Title (fr)

PROCÉDÉ DE FABRICATION DE CORPS MOULÉS CREUX EN PLASTIQUE RENFORCÉS PAR DES FIBRES CONTINUES COMPRENANT UNE MATRICE EN PLASTIQUE THERMOPLASTIQUE

Publication

EP 2632698 A1 20130904 (DE)

Application

EP 11773413 A 20111021

Priority

- DE 102010056240 A 20101224
- DE 102010049403 A 20101026
- EP 2011005312 W 20111021

Abstract (en)

[origin: WO2012055516A1] The present invention relates to a process for producing hollow plastic mouldings reinforced with continuous fibres from thermoplastic polymers, and also to a hollow plastic moulding produced by the process. The process according to the invention allows for the simple and cost-effective production of an integrally formed hollow plastic moulding which is reinforced with continuous fibres and has a closed profile cross section and a complex external geometry.

IPC 8 full level

B29C 70/46 (2006.01); **B29C 49/20** (2006.01)

CPC (source: EP US)

B29C 70/46 (2013.01 - EP US); **B29C 49/20** (2013.01 - EP); **B29K 2105/06** (2013.01 - EP); **B29L 2031/30** (2013.01 - EP)

Citation (search report)

See references of WO 2012055516A1

Citation (examination)

US 6769733 B2 20040803 - SEKSARIA DINESH C [US], et al

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)

DE 102010056240 A1 20120426; EP 2632698 A1 20130904; WO 2012055516 A1 20120503

DOCDB simple family (application)

DE 102010056240 A 20101224; EP 11773413 A 20111021; EP 2011005312 W 20111021