

Title (en)

INJECTION-MOLDED PART, COMPOUND AND PRODUCTION METHOD

Title (de)

SPRITZGIESSTEIL, COMPOUND UND FERTIGUNGSVERFAHREN

Title (fr)

PIÈCE MOULÉE PAR INJECTION, MÉLANGE À MOULER ET PROCÉDÉ DE FABRICATION

Publication

EP 2747978 A1 20140702 (DE)

Application

EP 12734806 A 20120704

Priority

- DE 102011111169 A 20110825
- EP 2012002798 W 20120704

Abstract (en)

[origin: WO2013026509A1] A cellulose-based natural fiber is added to an injection-molded plastic part, especially a fitting for the interior of a motor vehicle. In this manner, the strength of the part is increased and the fibers do not show on the surface.

IPC 8 full level

B29C 45/00 (2006.01); **B29B 9/14** (2006.01); **C08J 5/04** (2006.01); **B29K 105/06** (2006.01); **B29K 201/00** (2006.01)

CPC (source: CN EP US)

B29C 45/0005 (2013.01 - CN EP US); **C08J 5/045** (2013.01 - CN EP US); **C08L 1/02** (2013.01 - US); **C08L 23/12** (2013.01 - US);
B29C 2045/0012 (2013.01 - EP US); **B29K 2105/06** (2013.01 - CN EP US); **B29K 2201/00** (2013.01 - CN EP US);
C08J 2300/22 (2013.01 - CN EP US)

Citation (search report)

See references of WO 2013026509A1

Citation (examination)

- WO 2011049162 A1 20110428 - UNIV KYOTO [JP], et al
- EP 2492305 A1 20120829 - UNIV KYOTO [JP]

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)

WO 2013026509 A1 20130228; CN 103958151 A 20140730; EP 2747978 A1 20140702; JP 2014524497 A 20140922;
KR 20140054355 A 20140508; US 2014309341 A1 20141016

DOCDB simple family (application)

EP 2012002798 W 20120704; CN 201280041402 A 20120704; EP 12734806 A 20120704; JP 2014526401 A 20120704;
KR 20147007852 A 20120704; US 201214240700 A 20120704