

Title (en)
Method for manufacturing moulded objects

Title (de)
Verfahren zur Herstellung von Formteilen

Title (fr)
Procédé de fabrication de pièces de formage

Publication
EP 2301731 A3 20111109 (DE)

Application
EP 10009307 A 20100907

Priority
DE 102009042595 A 20090924

Abstract (en)
[origin: EP2301731A2] The method involves separating lignin and/or lignin derivative from a lignin waste product. A mixture of the lignin and/or lignin derivative is prepared under a mixture of fabric, where the mixtures are extruded at a plate that is deep-drawn at a molded part. The mixture of the lignin and/or lignin derivative is introduced in a granulated form part, where thickness of the plate is provided is of 2-10mm. Lignin sulfonic acid, alkali-lignin or organic lignin are reacted on the lignin derivative.

IPC 8 full level
B27N 1/00 (2006.01); **B27N 3/04** (2006.01); **B27N 5/00** (2006.01)

CPC (source: EP)
B27N 1/00 (2013.01); **B27N 3/04** (2013.01); **B27N 5/00** (2013.01)

Citation (search report)

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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

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2301731 A2 20110330; EP 2301731 A3 20111109; EP 2301731 B1 20130515; DE 102009042595 A1 20110331; DK 2301731 T3 20130729; EP 2612739 A1 20130710; EP 2612739 B1 20140827; SI 2301731 T1 20130930

DOCDB simple family (application)
EP 10009307 A 20100907; DE 102009042595 A 20090924; DK 10009307 T 20100907; EP 13001490 A 20100907; SI 201030300 T 20100907