

Title (en)

METHOD FOR PRODUCING A MICROSTRUCTURE

Title (de)

VERFAHREN ZUM ERZEUGEN EINER MIKROSTRUKTUR

Title (fr)

PROCÉDÉ DE RÉALISATION D'UNE MICROSTRUCTURE

Publication

EP 2240330 A2 20101020 (DE)

Application

EP 08866269 A 20081217

Priority

- EP 2008010739 W 20081217
- DE 102007062089 A 20071221

Abstract (en)

[origin: WO2009083146A2] The invention relates to a method for producing a microstructure on a carrier (22), in which a carrier (22) is provided with a relief structure (26, 28) having elevations (26) and depressions (28), and in which the elevations (26) and/or depressions (26) are arranged in the form of the desired microstructure, and an imprint substance (30; 34) is transferred onto the relief structure (26, 28) by means of a printing tool, wherein the viscosity of the imprint substance (30; 34) is chosen in such a way that the imprint substance (30; 34) is transferred selectively either substantially only onto the elevations (26) or substantially only into the depressions (28) of the relief structure.

IPC 8 full level

B41M 1/04 (2006.01); **B41M 1/10** (2006.01); **B41M 3/14** (2006.01); **B41M 7/00** (2006.01); **B42D 15/10** (2006.01); **B81C 99/00** (2010.01)

CPC (source: EP US)

B41M 1/04 (2013.01 - EP US); **B41M 1/10** (2013.01 - EP US); **B41M 3/14** (2013.01 - EP US); **B42D 25/324** (2014.10 - US); **B42D 25/342** (2014.10 - EP US); **B42D 25/47** (2014.10 - US); **B42D 2035/20** (2022.01 - EP); **B42D 2035/44** (2022.01 - EP); **Y10T 428/24479** (2015.01 - EP US)

Citation (search report)

See references of WO 2009083146A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 102007062089 A1 20090702; EP 2240330 A2 20101020; EP 2240330 B1 20190529; US 2011045248 A1 20110224; US 8685488 B2 20140401; WO 2009083146 A2 20090709; WO 2009083146 A3 20091230

DOCDB simple family (application)

DE 102007062089 A 20071221; EP 08866269 A 20081217; EP 2008010739 W 20081217; US 80990908 A 20081217