

Title (en)
PROCESS FOR PRODUCING STRUCTURED POLYMER SURFACES

Title (de)
PROZESS ZUR HERSTELLUNG STRUKTURIERTER POLYMERER OBERFLÄCHEN

Title (fr)
PROCESSUS DE RÉALISATION DE SURFACES POLYMÈRES STRUCTURÉES

Publication
EP 3259111 A1 20171227 (DE)

Application
EP 16704558 A 20160208

Priority
• EP 15155185 A 20150216
• EP 2016052633 W 20160208

Abstract (en)
[origin: WO2016131669A1] The present invention relates to a method for producing a structured surface on a polymer material. The production is carried out by bringing the polymer material into contact with a flat shaping tool which comprises channels (3) on a first side (1), which are open towards the first side (1) and have a length (b) of at least 10 µm, and the subsequent removal of the flat shaping tool from the polymer material, wherein the structured surface is produced on the polymer material. The bringing of the polymer material into contact with the flat shaping tool is carried out at ambient pressure.

IPC 8 full level
B29C 59/02 (2006.01); **B08B 17/06** (2006.01); **B29C 43/22** (2006.01)

CPC (source: CN EP US)
B08B 17/00 (2013.01 - US); **B29C 59/025** (2013.01 - CN EP US); **B08B 17/065** (2013.01 - EP US); **B29C 43/222** (2013.01 - EP US); **B29C 2059/023** (2013.01 - CN EP US); **B29K 2995/0093** (2013.01 - EP US)

Citation (search report)
See references of WO 2016131669A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016131669 A1 20160825; CN 107223083 A 20170929; EP 3259111 A1 20171227; US 2018029288 A1 20180201

DOCDB simple family (application)
EP 2016052633 W 20160208; CN 201680010337 A 20160208; EP 16704558 A 20160208; US 201615551080 A 20160208