

Title (en)
POLYMERS HAVING SUPERHYDROPHOBIC SURFACES

Title (de)
POLYMERE MIT SUPERHYDROPHOBEN OBERFLÄCHEN

Title (fr)
POLYMÈRES AYANT DES SURFACES SUPERHYDROPHOBES

Publication
EP 2681259 A4 20180221 (EN)

Application
EP 12752075 A 20120228

Priority

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- US 201161447515 P 20110228
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- US 2012026942 W 20120228

Abstract (en)
[origin: WO2012118805A2] The disclosure relates methods of preparing a superhydrophobic surface. The methods include laminating a polymer sheet having a surface to a template having a textured surface or a layer of a nanomaterial (e.g., nanoparticles or nanofibers) to convert the surface of the polymer sheet to a hydrophobic surface having a water contact angle of at least about 150°.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)

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CN106914145A

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

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