

Title (en)

WATERPROOF APERTURED SURFACES OR MATERIALS USING NANOPARTICLE HYDROPHOBIC TREATMENTS

Title (de)

WASSERDICHTE PERFORIERTE OBERFLÄCHEN ODER MATERIALIEN UNTER VERWENDUNG VON HYDROPHOBER NANOPARTIKELBEHANDLUNG

Title (fr)

SURFACES OU MATÉRIAUX AJOURÉS ÉTANCHES À L'EAU UTILISANT DES TRAITEMENTS HYDROPHOBES À BASE DE NANOPARTICULES

Publication

EP 3626874 A1 20200325 (EN)

Application

EP 19203691 A 20141111

Priority

- US 201361902441 P 20131111
- EP 14860945 A 20141111
- US 2014065021 W 20141111

Abstract (en)

A method of manufacturing an apertured waterproof material (16) having a breaching member (15) passing through an aperture (13). The method comprises treating said breaching member (15) with a nanoparticle hydrophobic or superhydrophobic composition to create a hydrophobic field (14) extending beyond said breaching member (15); and inserting said breaching member (15) through said aperture (13); whereby said hydrophobic field (14) precludes passage of liquid through said aperture (13). The apertured waterproof material having a breaching member (15) passing through an aperture (13) produced by the method is also provided.

IPC 8 full level

D03D 9/00 (2006.01); **A43C 9/00** (2006.01); **D06M 23/08** (2006.01)

CPC (source: EP US)

A43B 1/04 (2013.01 - EP); **A43B 23/022** (2013.01 - EP); **A43C 9/00** (2013.01 - EP); **D03D 9/00** (2013.01 - EP US); **D06M 13/02** (2013.01 - US); **D06M 23/08** (2013.01 - EP US); **D06M 2200/12** (2013.01 - EP US); **D10B 2401/021** (2013.01 - EP US); **D10B 2501/04** (2013.01 - EP US); **Y10T 442/174** (2015.04 - EP US)

Citation (applicant)

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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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2015070218 A2 20150514; **WO 2015070218 A3 20151105**; EP 3068248 A2 20160921; EP 3068248 A4 20170802; EP 3068248 B1 20191127; EP 3626874 A1 20200325; US 2015133013 A1 20150514; US 2018237963 A1 20180823; US 2018282913 A1 20181004

DOCDB simple family (application)

US 2014065021 W 20141111; EP 14860945 A 20141111; EP 19203691 A 20141111; US 201414538336 A 20141111; US 201815957217 A 20180419; US 201815957259 A 20180419