

Title (en)

FLOCKED MATERIAL AND PROCESS TO PRODUCE IT

Title (de)

GEFLOCKTES MATERIAL UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

MATÉRIAU FLOQUÉ ET SON PROCÉDÉ DE PRODUCTION

Publication

**EP 3140448 B1 20180110 (EN)**

Application

**EP 15728177 A 20150507**

Priority

- IT MI20140847 A 20140509
- IB 2015053345 W 20150507

Abstract (en)

[origin: WO2015170277A1] The present invention concerns a process for the preparation of a flocked material for coating surfaces and structures such as the interiors of automobiles, objects for interior decorating (walls, sofas, armchairs, etc.), handbags, suitcases or other accessories, covers or cases for weapons, musical instruments or electronic devices, or to make carpets and/or rugs, and that comprises the use of bicomponent fibres of the "island-in- the-sea" type of limited length (microfibres). The process of the invention comprises a step of partial and selective dissolution of the sea component by an alkaline removal agent, which makes it possible to obtain a flocked material characterized by improved resistance to abrasion and a more appealing appearance compared to flocked products of the prior art.

IPC 8 full level

**D04H 11/00** (2006.01); **D04B 21/02** (2006.01); **D04H 1/541** (2012.01); **D06N 3/14** (2006.01)

CPC (source: CN EP KR US)

**D04B 21/02** (2013.01 - KR US); **D04H 1/541** (2013.01 - KR); **D04H 1/5416** (2020.05 - CN EP US); **D04H 11/00** (2013.01 - CN EP KR US); **D06N 7/0097** (2013.01 - CN EP KR US)

Cited by

CN108642713A

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 2015170277 A1 20151112**; CN 106414826 A 20170215; CN 106414826 B 20200306; EP 3140448 A1 20170315; EP 3140448 B1 20180110; JP 2017515991 A 20170615; JP 6656174 B2 20200304; KR 20170002428 A 20170106; US 2017159215 A1 20170608

DOCDB simple family (application)

**IB 2015053345 W 20150507**; CN 201580024244 A 20150507; EP 15728177 A 20150507; JP 2016567218 A 20150507; KR 20167031244 A 20150507; US 201515309578 A 20150507