

Title (en)

WATER REPELLENT, SOIL RESISTANT, FLUORINE-FREE COMPOSITIONS

Title (de)

WASSERABWEISENDE, SCHMUTZABWEISENDE, FLUORFREIE ZUSAMMENSETZUNGEN

Title (fr)

COMPOSITIONS HYDROFUGES, NON SALISSANTES ET EXEMPTES DE FLUOR

Publication

EP 3129544 B1 20190109 (EN)

Application

EP 15777478 A 20150408

Priority

- EP 14164089 A 20140409
- US 2015024926 W 20150408

Abstract (en)

[origin: WO2015157419A1] The present invention pertains to fluorine-free compositions rendering textile articles, such as carpets and other textile floor coverings made from synthetic fibres or natural fibres which are water repellent, soil resistant and stain resistant. The invention pertains additionally to a method for treating textile articles and treated textile articles especially carpets are water repellent, soil resistant and stain resistant.

IPC 8 full level

D06M 11/00 (2006.01); **D06M 15/263** (2006.01); **D06M 15/643** (2006.01); **D06M 23/08** (2006.01)

CPC (source: EP US)

D06M 11/79 (2013.01 - EP US); **D06M 15/263** (2013.01 - EP US); **D06M 15/6436** (2013.01 - EP US); **D06M 23/08** (2013.01 - EP US)

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 2015157419 A1 20151015; AU 2015243869 A1 20161027; AU 2015243869 B2 20191128; CA 2944196 A1 20151015; CN 106460309 A 20170222; DK 3129544 T3 20190318; EP 3129544 A1 20170215; EP 3129544 A4 20180124; EP 3129544 B1 20190109; ES 2716080 T3 20190610; JP 2017519117 A 20170713; JP 6783144 B2 20201111; MX 2016013188 A 20170116; TR 201900969 T4 20190221; US 2017030010 A1 20170202

DOCDB simple family (application)

US 2015024926 W 20150408; AU 2015243869 A 20150408; CA 2944196 A 20150408; CN 201580031002 A 20150408; DK 15777478 T 20150408; EP 15777478 A 20150408; ES 15777478 T 20150408; JP 2016561338 A 20150408; MX 2016013188 A 20150408; TR 201900969 T 20150408; US 201515302905 A 20150408