

Title (en)

SPRAY-ON ANTI-SOIL FORMULATIONS FOR FIBERS, CARPETS AND FABRICS

Title (de)

AUFSPRÜHBARE VERSCHMUTZUNGSFORMULIERUNGEN FÜR FASERN, TEPPICHE UND GEWEBE

Title (fr)

FORMULATIONS ANTISALISSURES À PULVÉRISER DESTINÉES AUX FIBRES, TAPIS ET TISSUS

Publication

EP 2638195 A2 20130918 (EN)

Application

EP 11839285 A 20111109

Priority

- US 41304710 P 20101112
- US 2011059982 W 20111109

Abstract (en)

[origin: WO2012064848A2] Disclosed are spray-on anti-soil formulations, and methods for treating fibers, carpets, and fabrics with the same. The anti-soil formulations comprise a synergistic blend of an anti-soil component and a stain blocker component adapted to be sprayed- on a fiber, carpet, or fabric instead of known exhaust applications. The anti-soil component can be either fluorochemical or non-fluorochemical based, while the stain blocker can comprise any chemical that blocks positively charged dye sites. Fibers, carpets, and fabrics treated with the anti-soil formulations exhibit superior anti-soil characteristics compared to sprayed-on fluorochemicals and exhibit similar anti-soil characteristics compared to known exhaust application.

IPC 8 full level

D06B 1/02 (2006.01); **D06B 3/04** (2006.01); **D06M 11/73** (2006.01); **D06M 13/244** (2006.01)

CPC (source: EP US)

D06B 1/02 (2013.01 - EP US); **D06M 13/428** (2013.01 - EP US); **D06M 13/432** (2013.01 - EP US); **D06M 15/263** (2013.01 - EP US); **D06M 15/277** (2013.01 - EP US); **D06M 15/412** (2013.01 - EP US); **D06M 15/576** (2013.01 - EP US); **D06M 23/06** (2013.01 - EP US); **Y10T 428/23986** (2015.04 - EP US); **Y10T 428/249921** (2015.04 - EP US); **Y10T 428/2967** (2015.01 - EP US); **Y10T 428/2969** (2015.01 - 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 2012064848 A2 20120518; **WO 2012064848 A3 20120705**; AU 2011326576 A1 20130523; AU 2017201736 A1 20170330; AU 2017201736 B2 20190214; CA 2817018 A1 20120518; CN 103282570 A 20130904; EP 2638195 A2 20130918; EP 2638195 A4 20150826; JP 2013543936 A 20131209; US 2014037891 A1 20140206; US 2018094372 A1 20180405

DOCDB simple family (application)

US 2011059982 W 20111109; AU 2011326576 A 20111109; AU 2017201736 A 20170314; CA 2817018 A 20111109; CN 201180064914 A 20111109; EP 11839285 A 20111109; JP 2013538855 A 20111109; US 201113884695 A 20111109; US 201715834996 A 20171207