

Title (en)
STAIN-RESISTANT FIBERS, TEXTILES AND CARPETS

Title (de)
SCHMUTZABWEISENDE Fasern, Textilien und Teppiche

Title (fr)
FIBRES, TEXTILES ET TAPIS RÉSISTANTS AUX TACHES

Publication
EP 2627806 B1 20150916 (EN)

Application
EP 11770102 A 20111013

Priority

- EP 11157969 A 20110311
- US 39286410 P 20101013
- EP 2011067902 W 20111013
- EP 11770102 A 20111013

Abstract (en)
[origin: WO2012049254A1] The present invention relates to stain- or dye-resistant fibers, textiles and carpets made of a polymer composition (C) comprising at least one semi-aromatic polyamide comprising recurring units resulting from the condensation of terephthalic acid and at least one aliphatic diamine selected from the group consisting of 1,8-octanediamine, 1,9-nonanediamine, 2-methyl-1,8-octanediamine, 1,10-decanediamine, 1,12-dodecanediamine, 2,2,4-trimethyl-1,6-hexanediamine, 2,4,4-trimethyl-1,6-hexanediamine, 5-methyl-1,9-nonanediamine, methylcyclohexanediamine, isophoronediamine and mixtures thereof, wherein the color of said fiber has a lightness (L*) of at least 50 in the CIE 1976 (L*, a*, b*) color space when measured according to ASTM E308-08.

IPC 8 full level
D01F 6/60 (2006.01); **D01F 6/80** (2006.01); **D01F 6/90** (2006.01); **D06N 7/00** (2006.01)

CPC (source: EP KR US)
D01F 1/04 (2013.01 - EP KR US); **D01F 6/60** (2013.01 - KR); **D01F 6/605** (2013.01 - EP US); **D01F 6/80** (2013.01 - KR); **D01F 6/805** (2013.01 - US); **D01F 6/90** (2013.01 - KR); **Y10T 428/249921** (2015.04 - EP US); **Y10T 442/2893** (2015.04 - 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 2012049254 A1 20120419; BR 112013008851 A2 20160621; CN 103403237 A 20131120; EP 2627806 A1 20130821; EP 2627806 B1 20150916; JP 2013540909 A 20131107; JP 5933566 B2 20160615; KR 20130117790 A 20131028; US 2013309928 A1 20131121

DOCDB simple family (application)
EP 2011067902 W 20111013; BR 112013008851 A 20111013; CN 201180058845 A 20111013; EP 11770102 A 20111013; JP 2013533218 A 20111013; KR 20137011862 A 20111013; US 201113878919 A 20111013