

Title (en)

FLAT TEXTILE STRUCTURES WITH SELF-CLEANING AND WATER-REPELLENT SURFACES

Title (de)

TEXTILE FLÄCHENGEBILDE MIT SELBSTREINIGENDER UND WASSERABWEISENDER OBERFLÄCHE

Title (fr)

PRODUIT PLAT TEXTILE POURVU D'UNE SURFACE AUTO-NETTOYANTE ET HYDROFUGE

Publication

EP 1379725 B1 20060913 (DE)

Application

EP 02704724 A 20020226

Priority

- DE 10118346 A 20010412
- EP 0202013 W 20020226

Abstract (en)

[origin: US8629070B2] Textile fabrics having a self cleaning and water repellent surface, constructed from A) at least one synthetic and/or natural textile base material and B) an artificial, at least partly hydrophobic surface having elevations and depressions comprising particles securely bonded to said base material A without adhesives, resins or coatings, obtained by treating said base material A with at least one solvent containing said particles in undissolved form and removing said solvent to leave at least a portion of said particles securely bonded to the surface of said base material A.

IPC 8 full level

D06M 23/10 (2006.01); **B08B 17/06** (2006.01); **D06M 11/45** (2006.01); **D06M 11/79** (2006.01); **D06M 15/00** (2006.01)

CPC (source: EP US)

B08B 17/06 (2013.01 - EP US); **B08B 17/065** (2013.01 - EP US); **D06M 11/45** (2013.01 - EP US); **D06M 11/79** (2013.01 - EP US); **D06M 15/00** (2013.01 - EP US); **D06M 23/10** (2013.01 - EP US); **D06M 2200/12** (2013.01 - EP US); **Y10T 442/2164** (2015.04 - EP US); **Y10T 442/2213** (2015.04 - EP US); **Y10T 442/2279** (2015.04 - EP US); **Y10T 442/2762** (2015.04 - EP US); **Y10T 442/2861** (2015.04 - EP US); **Y10T 442/2926** (2015.04 - EP US)

Cited by

US11840797B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

US 2004154106 A1 20040812; **US 8629070 B2 20140114**; AT E339545 T1 20061015; CA 2443743 A1 20021024; DE 10118346 A1 20021017; DE 50208141 D1 20061026; EP 1379725 A1 20040114; EP 1379725 B1 20060913; ES 2272672 T3 20070501; WO 02084016 A1 20021024

DOCDB simple family (application)

US 47462402 A 20020226; AT 02704724 T 20020226; CA 2443743 A 20020226; DE 10118346 A 20010412; DE 50208141 T 20020226; EP 0202013 W 20020226; EP 02704724 A 20020226; ES 02704724 T 20020226