

Title (en)

TEXTILE SURFACE

Title (de)

TEXTILE FLÄCHE

Title (fr)

SURFACE TEXTILE

Publication

**EP 1364088 B1 20051109 (DE)**

Application

**EP 02702287 A 20020121**

Priority

- DE 10105234 A 20010202
- EP 0200539 W 20020121

Abstract (en)

[origin: DE10105234A1] The aim of the invention is to produce a textile surface (1), one side of which exhibits hydrophilic properties and the other side hydrophobic properties, whose overall cross-section is hydrophilic. To achieve this, a paste (11) consisting of a viscous emulsion or dispersion of paraffin, polysiloxane and/or fluorine compounds is applied to one side. The layer that has been formed by the first paste (11) is then stabilised by means of a drying process (4) and a second paste (12), consisting of a hydrophilic polymer is subsequently applied to the other side of the textile surface (1), said paste being stabilised by an additional drying process (5). Said steps provide a textile surface (1), which can be produced simply and cost-effectively, is extremely comfortable to wear and which ensures that moisture is immediately absorbed on the hydrophilic side, dispersed over a large area and rapidly removed, whereas the hydrophobic side of said textile surface (1) repels water.

IPC 1-7

**D06N 7/00; D06N 3/00; D06N 3/18; D06B 1/00; D06M 15/19**

IPC 8 full level

**D06M 13/02** (2006.01); **D06M 15/256** (2006.01); **D06M 15/643** (2006.01); **D06N 3/00** (2006.01); **D06N 3/18** (2006.01); **D06N 7/00** (2006.01)

CPC (source: EP KR US)

**D06N 3/0088** (2013.01 - EP US); **D06N 3/047** (2013.01 - EP US); **D06N 3/128** (2013.01 - EP US); **D06N 3/186** (2013.01 - EP US);  
**D06N 7/00** (2013.01 - KR); **D06N 2205/02** (2013.01 - EP US); **D06N 2209/141** (2013.01 - EP US); **D06N 2209/142** (2013.01 - EP US);  
**D06N 2211/10** (2013.01 - EP US)

Cited by

EP2108261A1; WO2011064008A1; WO2011064320A1; WO2017099694A1

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)

**DE 10105234 A1 20020829**; AT E309407 T1 20051115; CN 1252346 C 20060419; CN 1529778 A 20040915; DE 50204860 D1 20051215;  
DK 1364088 T3 20060313; EP 1364088 A2 20031126; EP 1364088 B1 20051109; EP 1364088 B8 20060118; ES 2252424 T3 20060516;  
HK 1069416 A1 20050520; JP 2004523673 A 20040805; JP 2008163544 A 20080717; JP 5066473 B2 20121107; KR 100567222 B1 20060403;  
KR 20030082565 A 20031022; US 2004037963 A1 20040226; US 2007151039 A1 20070705; US 7867571 B2 20110111;  
WO 02075038 A2 20020926; WO 02075038 A3 20021219

DOCDB simple family (application)

**DE 10105234 A 20010202**; AT 02702287 T 20020121; CN 02804480 A 20020121; DE 50204860 T 20020121; DK 02702287 T 20020121;  
EP 0200539 W 20020121; EP 02702287 A 20020121; ES 02702287 T 20020121; HK 05101954 A 20050307; JP 2002574422 A 20020121;  
JP 2008084401 A 20080327; KR 20037009233 A 20020121; US 43285403 A 20030528; US 61868006 A 20061229