

Title (en)  
Process for the treatment of textile fabrics

Title (de)  
Verfahren zur Behandlung von textilen Flächengebilden

Title (fr)  
Procédé pour le traitement de produits textiles

Publication  
**EP 1630280 A1 20060301 (DE)**

Application  
**EP 04020579 A 20040831**

Priority  
EP 04020579 A 20040831

Abstract (en)  
Method of treating textile fabrics (having 70-100 wt.% of cellulose fibers) with a solution (A) of silicon compound or a mixture of silicon compound in liquid ammonia comprises applying (A) on the fabric and subsequently drying the fabrics. Method of treating textile fabrics (having 70-100 wt.% of cellulose fibers) with a solution (A) of silicon compound or a mixture of silicon compound in liquid ammonia comprises applying (A) on the fabric and subsequently drying the fabrics, where at least one of the used silicon compounds is of formulae (RO) nSi(R 1>) 4-n(I), (RO) tSi(R 1>) 4-t-y(R 2>) y(II), (R 1>) b(RO) a-(CH 2) c-Si(OR) a(R 1>) b(III) or (RO) a(R 1>) bSi-O-[Si(R 1>) 2] d-O-Si(R 1>) b(OR) a(IV). R : H or 1-4C alkyl; R 1>1-18C alkyl or phenyl; R 2>-(CH 2) e-Ep or -(CH 2) e-O-CH 2-Ep; Ep : univalent residue derived from ethylene oxide or a epoxycyclohexyl residue (preferably 3,4-epoxy-1-cyclohexyl); either t,y : 1-3 (preferably 1); or t+y = 2-4; n : 2-4; a : 1-3; b : 3-a; c : 1-4 (preferably 2); d : 1-5; and e : 1-4 (preferably 1-3).

IPC 8 full level  
**D06M 11/61** (2006.01); **D06M 13/513** (2006.01); **D06M 15/643** (2006.01)

CPC (source: EP KR US)  
**D06M 11/61** (2013.01 - EP US); **D06M 13/513** (2013.01 - EP KR US); **D06M 15/643** (2013.01 - EP KR US); **D06M 2101/06** (2013.01 - EP US); **D06M 2200/20** (2013.01 - EP US)

Citation (search report)

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WO2015131965A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1630280 A1 20060301**; CN 101010457 A 20070801; EP 1792002 A1 20070606; KR 20070047817 A 20070507; US 2008115290 A1 20080522; WO 2006024364 A1 20060309

DOCDB simple family (application)  
**EP 04020579 A 20040831**; CN 200580028984 A 20050806; EP 05768410 A 20050806; EP 2005008552 W 20050806; KR 20077005013 A 20070228; US 65952805 A 20050806