Title (en)
TREATMENT OF TEXTILE FABRICS

Title (de)
BEHANDLUNG VON TEXTILEN FLÄCHENGEBILDEN

Title (fr)
PROCÉDÉ POUR LE TRAITEMENT DE PRODUITS TEXTILES

Publication
EP 1792002 A1 20070606 (EN)

Application
EP 05768410 A 20050806

Priority
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Abstract (en)
[origin: EP1630280A1] 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
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