

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

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CPC (source: EP KR US)

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Citation (search report)

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