

Title (en)

Pile-stabilizing textile impregnating, process for preparing it and textile treated with this composition.

Title (de)

Polstabilisierendes Textilimprägniermittel, Verfahren zu dessen Herstellung sowie damit ausgerüstete textile Materialien.

Title (fr)

Imprégnant destiné à stabiliser le poil d'un textile; procédé de préparation et textile traité avec ladite composition.

Publication

EP 0036475 A1 19810930 (DE)

Application

EP 81100613 A 19810128

Priority

DE 3004824 A 19800209

Abstract (en)

[origin: US4351736A] A textile pile-stabilizing impregnating agent comprising a colloidal suspension of silicic acid having SiO₂ units and organosilsesquioxanes having units of the formula RSiO_{3/2} wherein R is an alkyl or aryl radical with up to 7 carbon atoms. It is produced by adding a silane of the formula RSi(OR')₃, together with a silane of the formula Si(OR')₄, wherein R is an alkyl or aryl radical with up to 7 carbon atoms, and R' is a hydrogen atom or an alkyl radical with 1 to 4 carbon atoms, to a mixture of water and a surface-active agent containing a buffer, the amount of silanes added being about 5 to 22% of the total weight of the addition plus mixture.

Abstract (de)

Die vorliegende Erfindung betrifft ein polstabilisierendes Textilimprägniermittel, welches eine kolloidale Suspension von Organosilsesquioxanen aus Einheiten der Formel RSiO_{3/2} und von Kieselsäure mit SiO₂-Einheiten enthält. Die Erfindung betrifft ferner die Herstellung solcher kolloidalen Suspensionen sowie deren Verwendung und textile Materialien, die damit ausgerüstet sind.

IPC 1-7

D06M 15/66; C09D 3/82; C08G 77/06

IPC 8 full level

D06M 11/00 (2006.01); **C08G 77/06** (2006.01); **D06M 11/05** (2006.01); **D06M 11/76** (2006.01); **D06M 11/79** (2006.01); **D06M 11/82** (2006.01); **D06M 13/02** (2006.01); **D06M 13/256** (2006.01); **D06M 13/463** (2006.01); **D06M 13/51** (2006.01); **D06M 13/513** (2006.01); **D06M 15/643** (2006.01)

CPC (source: EP US)

D06M 15/643 (2013.01 - EP US); **Y10T 428/23986** (2015.04 - EP US); **Y10T 428/2962** (2015.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (application)

EP 81100613 A 19810128; AT 81100613 T 19810128; CA 370255 A 19810206; DE 3004824 A 19800209; DE 3160212 T 19810128; DK 52881 A 19810206; JP 1632981 A 19810207; NO 810295 A 19810128; US 22744481 A 19810122