Title (en)

HYDROPHOBICALLY MODIFIED POLYETHYLENIMINES AND POLYVINYLAMINES FOR WRINKLE-RESISTANT FINISHING OF TEXTILES CONTAINING CELLULOSE

Title (de)

HYDROPHOB MODIFIZIERTE POLYETHYLENIMINE UND POLYVINYLAMINE ZUR ANTIKNITTERAUSRÜSTUNG VON CELLULOSEHALTIGEN TEXTILIEN

Title (fr)

POLYETHYLENIMINES ET POLYVINYLAMINES MODIFIEES DE MANIERE HYDROPHOBE DESTINEES A L'APPRET ANTIFROISSE DE TEXTILES CONTENANT DE LA CELLULOSE

Publication

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Application

EP 02750941 A 20020516

Priority

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Abstract (en)

[origin: US7141077B2] A process for wrinkleproofing cellulosic textiles comprises treating the textiles with a finish and drying the treated textiles, wherein the finish comprises one or more water-soluble or water-dispersible hydrophobically modified polyethyleneimines and/or polyvinylamines. Suitable hydrophobically modified polyethyleneimines are hydrophobically modified homopolymers of ethyleneimine, hydrophobically modified graft polymers of polyamidoamines or of polyvinylamines. Suitable hydrophobically modified polyvinylamines are hydrophobically modified at least partially hydrolyzed homo- or copolymers of N-vinylcarboxamides. The polyethyleneimines and polyvinylamines can be crosslinked by polyfunctional crosslinking compounds, quaternized and/or modified by reaction with alkylene oxides, dialkyl carbonates, alkylene carbonates and/or C₁-C₄-carboxylic acids. Suitable hydrophobicizing reagents are selected from the group consisting of long-chain linear or branched linear carboxylic acids, linear or branched alkyl halides, alkyl epoxides, alkylketene dimers, cyclic dicarboxylic anhydrides, alkyl isocyanates and chloroformic esters of fatty alcohols.

IPC 8 full level

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