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

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Application

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Abstract (en)

[origin: WO02095122A1] The invention relates to a method for providing wrinkle-resistant finishing to textiles containing cellulose by treating the textiles with a finishing agent and drying the treated textiles, wherein the finishing agent contains one or more water-soluble or water-dispersible, hydrophobically modified polyethylenimine and/or polyvinylamine. Suitable hydrophobically modified polythylenimine are hydrophobically modified ethylenimine homopolymers, hydrophobically modified polyamidoamine or polyvinylamine graft polymers. Suitable hydrophobically modified polyvinylamines are hydrophobically modified, at least partially saponified homopolymers and copolymers of N-vinylcarboxylic acid amides. The polyethylenimines and polyvinylamines can be crosslinked with polyfunctionally crosslinking compounds, quaternized and/or modified by reaction with alkylene oxides, dialkyl carbonates, alkylene carbonates and/or C1-C4-carboxylic acids. Suitable hydrophobing reagents are selected from the group consisting of long-chained linear or branched linear carboxylic acids, linear or branched alkyl halogenides, alkyl epoxides, alkylketen dimers, cyclic dicarboxylic acid anhydrides, alkylisocyanates and chloroformic acid esters of fatty alcohols.

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