

Title (en)

Controlling deposits on paper machine felts and the like.

Title (de)

Kontrolle von Ablagerungen auf Papiermaschinenfilzen und dergleichen.

Title (fr)

Contrôle des dépôts sur les feutres des machines à papier et similaires.

Publication

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Application

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Priority

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- US 32359789 A 19890314

Abstract (en)

[origin: EP0359590A2] A method is disclosed for treating papermill felts and the like to inhibit the deposit of sticky material thereon. The method comprises (a) applying an aqueous solution which contains at least about 2 ppm of a cationic polymer; and (b) applying an aqueous solution which contains at least one compound selected from the group consisting of water soluble nonionic and cationic surfactants; the surfactant being applied in an amount effective to inhibit build-up of deposits derived from the cationic polymer. Cationic surfactants are preferred. Particular use is disclosed of water soluble surfactants which have a molecular weight between about 200 and 800 and having the general formula: <CHEM> wherein each R is independently selected from the group consisting of hydrogen, polyethylene oxide groups, polypropylene oxide groups, alkyl groups having between about 1 and 22 carbon atoms, aryl groups, and aralkyl groups, at least one of said R groups being an alkyl group having at least about 8 carbon atoms, and wherein X<-> is an anion, or 1/n of an n-valent anion. Compositions comprising said cationic polymers and said surfactants in a weight ratio of surfactant to cationic polymer of from about 50:1 to about 1:1 are disclosed as particularly useful.

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