

Title (en)
METHOD FOR THE CONTINUOUS PRETREATMENT OF CELLULOSE-CONTAINING TEXTILE MATERIAL

Title (de)
VERFAHREN ZUR KONTINUIERLICHEN VORBEHANDLUNG VON CELLULOSEHALTIGEM TEXTILGUT

Title (fr)
PROCEDE DE PRETRAITEMENT EN CONTINU D'UN MATERIAU TEXTILE CONTENANT DE LA CELLULOSE

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Application
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Abstract (en)
[origin: US5820636A] PCT No. PCT/EP94/01507 Sec. 371 Date Nov. 15, 1995 Sec. 102(e) Date Nov. 15, 1995 PCT Filed May 10, 1994 PCT Pub. No. WO94/28228 PCT Pub. Date Dec. 8, 1994A process for the continuous pretreatment of cellulosic textile material comprises a) a precleaning step wherein the treatment bath used comprises customary surfactants and other customary auxiliaries with or without customary enzymes as desizing agents and has a pH of from 5 to 11, and, after washoff and rinse, b) a bleaching step with hydrogen peroxide in an alkaline-aqueous liquor which comprises customary surfactants and other customary auxiliaries, wherefor the treatment bath of (a) additionally comprises from 1 to 10% by weight, based on the weight of the textile material, (i) either of an aminopolycarboxylic acid, of a hydroxyalkyl- or amino-phosphonic acid, of a polycarboxylic acid, of a polyhydroxycarboxylic acid or of an inorganic polymetaphosphate, or a mixture thereof, as complexing agent for polyvalent metal ions, or (ii) of a water-soluble polymer derived from 40 to 100% by weight of monoethylenically unsaturated mono- or dicarboxylic acids or anhydrides, or a mixture thereof, and has a K value of from 8 to 80, as dispersant, or (iii) a mixture of components (i) and (ii) in a weight ratio of from 10:1 to 1:10.

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