

Title (en)

PROCESS FOR THE AFTER-TREATMENT OF DYEINGS WITH REACTIVE DYES ON CELLULOSIC FIBROUS MATERIALS

Publication

EP 0209787 B1 19890426 (DE)

Application

EP 86109260 A 19860707

Priority

DE 3526101 A 19850722

Abstract (en)

[origin: US4704132A] Dyeings with reactive dyes on cellulose fiber materials are after-treated with an aqueous solution of a condensate which is obtainable by reacting (a) bisbenzylpiperzine with (b) ethylene chloride, an epihalohydrin, propylene chloride, 1,3-dichloro-2-hydroxypropane, bisepoxybutane or 1,4-dichlorobutane or a mixture of these, in a molar ratio of from 1:0.5 to 1:1.1, or by reacting (c) piperazine, bis-1,4-aminopropylpiperazine, 1-aminoethylpiperazine, 2-hydroxyethylpiperazine or 1-methylpiperazine, or a mixture of these, with a compound according to (b) in a molar ratio of from 1:0.5 to 1:1.1 and benzylating the condensate, the benzylation being carried out using 0.15-1.0 mole of benzyl chloride per equivalent of nitrogen in component (c). The cellulose fiber materials after-treated in this manner possess very good wetfastness.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

D06P 1/5278 (2013.01 - EP US); **D06P 5/08** (2013.01 - EP US)

Cited by

US5942959A; US6025322A; EP0284010A3; US6147183A; US6251846B1; EP0242577A3; CZ300454B6; US6111056A; US6228828B1; US6482787B1; US6262011B1; US6465415B2; EP0934382B1; WO9914300A1; WO9914299A1; WO9914301A1

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