

Title (en)

USE OF ACRYLAMIDE HOMOPOLYMERS OR COPOLYMERS AS ANTISETTING AGENTS

Title (de)

VERWENDUNG VON ACRYLAMID-HOMO- ODER COPOLYMEREN ALS ANTISETTINGMITTEL

Title (fr)

UTILISATION DE HOMOPOLYMERES OU COPOLYMERES D'ACRYLAMIDE COMME AGENTS ANT-DEPOT

Publication

**EP 0784117 B1 20031210 (DE)**

Application

**EP 97810002 A 19970106**

Priority

CH 8196 A 19960111

Abstract (en)

[origin: EP0784117A2] Dyeing of fibrous materials containing wool with anionic dyes is carried out in the presence of a wool preservative containing acrylamide homo- or copolymer. Also claimed is the use of polyacrylamide homo- or copolymers as anti-setting agents in exhaustion dyeing of fibrous materials containing wool. Preferably the (co)polymer has a molecular weight of  $800000-15 \times 10^6$ . It is a homopolymer of acrylamide or copolymer with acrylic acid or vinyl acetate, especially of 70-100 wt.% acrylamide and 0-30 wt.% acrylic acid or vinyl acetate. In particular, the copolymer contains  $\geq 70$  wt.% acrylamide, more particularly 75-90 wt.% acrylamide and 10-25 wt.% acrylic acid.; and the homo- or copolymer has a molecular weight of  $(1-15) \times 10^6$ , more particularly  $(1.5-3) \times 10^6$ . The (co)polymer is used as an aqueous formulation. It is used in the dyebath in an amount of 0.0001-2, especially 0.0005-1 g/l. The wool preservative also contains hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>).

IPC 1-7

**D06P 1/52**; **D06P 3/16**; **D06P 3/82**

IPC 8 full level

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CPC (source: EP KR US)

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**EP 0784117 A2 19970716**; **EP 0784117 A3 19980617**; **EP 0784117 B1 20031210**; AU 1010597 A 19970717; AU 725123 B2 20001005; BR 9700038 A 19980901; CA 2194732 A1 19970712; DE 59711084 D1 20040122; ES 2210482 T3 20040701; JP H09195179 A 19970729; KR 100483732 B1 20051227; KR 970059375 A 19970812; NZ 314026 A 19980126; US 5810891 A 19980922; ZA 97216 B 19970711

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