

Title (en)

Process for dyeing wool containing fibrous materials

Title (de)

Verfahren zum Färben von wollhaltigen Fasermaterialien

Title (fr)

Procédé de teinture de matériaux fibreux contenant de la laine

Publication

EP 0784117 A2 19970716 (DE)

Application

EP 97810002 A 19970106

Priority

CH 8196 A 19960111

Abstract (en)

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 ≥ 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 (H₂O₂).

Abstract (de)

Beschrieben wird ein Verfahren zum Färben von wollhaltigen Fasermaterialien mit anionischen Farbstoffen, welches dadurch gekennzeichnet ist, dass man diese Materialien in Gegenwart eines Wollschuttmittels enthaltend mindestens ein Acrylamid-Homo- oder -Copolymer färbt. Nach dem Verfahren sind reibechte egale Färbungen mit reduziertem Setting erhältlich.

IPC 1-7

D06P 1/52; **D06P 3/16**; **D06P 3/874**

IPC 8 full level

D06P 1/52 (2006.01); **D06P 3/14** (2006.01); **D06P 3/16** (2006.01); **D06P 3/82** (2006.01)

CPC (source: EP KR US)

D06P 1/5228 (2013.01 - EP US); **D06P 1/5257** (2013.01 - EP US); **D06P 1/642** (2013.01 - KR); **D06P 3/16** (2013.01 - EP US); **D06P 3/18** (2013.01 - KR); **D06P 3/8214** (2013.01 - EP US); **Y10S 8/917** (2013.01 - US)

Cited by

CN103981746A; EP1331302A1

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI

DOCDB simple family (publication)

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

DOCDB simple family (application)

EP 97810002 A 19970106; AU 1010597 A 19970110; BR 9700038 A 19970110; CA 2194732 A 19970109; DE 59711084 T 19970106; ES 97810002 T 19970106; JP 46097 A 19970107; KR 19970000405 A 19970110; NZ 31402697 A 19970107; US 77941697 A 19970107; ZA 97216 A 19970110