

Title (en)

PROCESS FOR THE PREPARATION OF NON-FELTING, OPTIONALLY DYED WOOL

Publication

EP 0160878 B1 19891227 (DE)

Application

EP 85104857 A 19850422

Priority

DE 3417239 A 19840510

Abstract (en)

[origin: US4592757A] Undyed or dyed wool with an antifelting finish is produced by a method in which the wool is chlorinated at a pH of less than 4 and then an aqueous solution of a quaternary product is applied onto the wool, this product being obtained by condensation of (a) piperazine and piperazine derivatives with (b) crosslinking agents, such as epichlorohydrin and ethylene chloride, in a molar ratio of from 1:0.9 to 1:1, and quaternization of the condensate with benzyl chloride, for 0.15 to 1.0 mole of benzyl chloride being employed per equivalent of nitrogen in component (a) in the quaternization. To produce dyed wool with an antifelting finish, dyeing is carried out after the wool has been chlorinated.

IPC 1-7

D06M 3/08; D06M 15/61; D06P 3/14; D06P 5/08

IPC 8 full level

D06M 13/46 (2006.01); **D06M 11/30** (2006.01); **D06M 13/02** (2006.01); **D06M 13/322** (2006.01); **D06M 13/355** (2006.01); **D06M 13/385** (2006.01); **D06M 13/47** (2006.01); **D06M 13/477** (2006.01); **D06M 15/61** (2006.01); **D06P 3/14** (2006.01); **D06P 5/06** (2006.01); **D06P 5/08** (2006.01); **D06M 101/00** (2006.01); **D06M 101/02** (2006.01); **D06M 101/10** (2006.01); **D06M 101/12** (2006.01)

CPC (source: EP US)

D06M 11/30 (2013.01 - EP US); **D06M 13/355** (2013.01 - EP US); **D06M 13/385** (2013.01 - EP US); **Y10S 8/917** (2013.01 - US)

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0160878 A2 19851113; EP 0160878 A3 19880601; EP 0160878 B1 19891227; AU 4225285 A 19851114; AU 579630 B2 19881201; DE 3417239 A1 19851114; DE 3575002 D1 19900201; JP S60239564 A 19851128; US 4592757 A 19860603; ZA 853502 B 19860129

DOCDB simple family (application)

EP 85104857 A 19850422; AU 4225285 A 19850509; DE 3417239 A 19840510; DE 3575002 T 19850422; JP 9616885 A 19850508; US 72922185 A 19850501; ZA 853502 A 19850509