

Title (en)
COMPOUNDS FOR CATIONIZING TEXTILE FIBRES, PROCESS FOR PREPARING THESE COMPOUNDS, AND PROCESS FOR FINISHING TEXTILE FIBRES

Title (de)
VERBINDUNGEN ZUR KATIONISIERUNG DER TEXTILFASERGUTE, VERFAHREN ZU IHRER VORBEREITUNG UND VERFAHREN ZUR VEREDLUNG VON TEXTILFASERGUTEN

Title (fr)
COMPOSES POUR LA CATIONISATION DES FIBRES TEXTILES, PROCEDE DE PREPARATION DE CES COMPOSES ET PROCEDE POUR L'ENNOBLISSEMENT DES FIBRES TEXTILES

Publication
EP 0708856 A1 19960501 (DE)

Application
EP 95917254 A 19950509

Priority
• CZ 9500006 W 19950509
• CZ 113894 A 19940509

Abstract (en)
[origin: WO9530792A1] The invention concerns compounds of general formula (I) for cationizing textile fibres, in particular cellulose-type and protein-type materials. In general formula (I), Y is the formula group (a) or (b), X is a borine or bromine atom; n is an integer between 3 and 8; M is a cationic group derived from a heterocyclic nitrogen-containing compound chosen from a group which includes imidazole, imidazole alkyl derivatives, benzimidazole, piperazine and its alkyl derivatives, pyrazole and its alkyl derivatives, pyrazoline and its alkyl derivatives, or a mixture of these compounds; Z represents either the group (c) in which R1 and R2 represent hydrogen atoms, alkyls or hydroxyalkyls with between 1 and 5 carbon atoms, or alkylaryl with between 7 and 11 carbon atoms, or represents a residual cationic group from a heterocyclic nitrogen-containing compound represented by the symbol M. The proposed process for finishing textile fibres involves treating the textile material before dyeing or printing, or following finish dyeing or printing, in a water bath containing compounds of general formula (I) in quantities of 0.1-10 % of the substrate weight, at a pH level of 7-14 and a temperature of 10-200 DEG C, for a period of between 10 seconds and 24 hours.

IPC 1-7
D06M 13/385; **C07D 233/60**; **C07D 403/14**; **C07D 405/14**

IPC 8 full level
C07D 231/06 (2006.01); **C07D 231/12** (2006.01); **C07D 233/60** (2006.01); **C07D 233/61** (2006.01); **C07D 235/08** (2006.01); **C07D 235/20** (2006.01); **C07D 295/13** (2006.01); **C07D 521/00** (2006.01); **D06M 13/35** (2006.01); **D06M 13/352** (2006.01); **D06M 13/355** (2006.01); **D06M 13/473** (2006.01); **D06M 13/477** (2006.01); **D06P 1/642** (2006.01); **D06P 5/22** (2006.01)

CPC (source: EP)
C07D 231/12 (2013.01); **C07D 233/56** (2013.01); **C07D 249/08** (2013.01); **C07D 295/13** (2013.01); **D06M 13/35** (2013.01); **D06M 13/352** (2013.01); **D06M 13/355** (2013.01); **D06P 1/6426** (2013.01); **D06P 5/225** (2013.01)

Citation (search report)
See references of WO 9530792A1

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
WO 9530792 A1 19951116; CZ 113894 A3 19960117; CZ 280443 B6 19960117; EP 0708856 A1 19960501

DOCDB simple family (application)
CZ 9500006 W 19950509; CZ 113894 A 19940509; EP 95917254 A 19950509