

Title (en)

PADDING AID, PROCESS FOR ITS PREPARATION AND PROCESS FOR DYEING CELLULOSIC FIBRES OR MIXTURES OF CELLULOSIC FIBRES TOGETHER WITH SYNTHETIC FIBRES WITH SULPHUR, SULPHUR VAT, VAT AND REACTIVE DYESTUFFS

Publication

EP 0023341 A3 19810708 (DE)

Application

EP 80104312 A 19800723

Priority

DE 2930756 A 19790728

Abstract (en)

[origin: US4300903A] A padding auxiliary is used in a dyeing process using a padding liquor wherein the padding auxiliary is an aqueous solution or dispersion containing (a) 20 to 50 percent by weight of a mixture of 50 to 100 percent by weight of a compound of the following formula <IMAGE> and 50 to 0 percent by weight of a compound of the following formula <IMAGE> (b) b percent by weight of a compound of the formula <IMAGE> and (c) c percent by weight of a compound of the formula <IMAGE> wherein b is a number from 0 to 5, c is a number from 0 to 5 and the numbers for b and c are chosen such that the sum of the numbers for b and c is a number from 1 to 10; R₁, R₂ and R₃ are independently an aliphatic moiety with 5 to 12 carbon atoms or an araliphatic moiety with 7 to 13 carbon atoms; X(+), Y(+) and Z(+) is each independently an alkali metal cation, ammonium cation or a cation of an alkylamine or hydroxyalkylamine wherein the alkyl has 1-12 carbon atoms; R₄ is an aliphatic moiety with 1 to 8 carbon atoms, phenyl, alkylphenyl with 7 to 10 carbon atoms or phenylalkyl with 7 to 10 carbon atoms; R₅ is hydrogen or an aliphatic moiety with 1 to 8 carbon atoms, phenyl, alkylphenyl with 7 to 10 carbon atom or phenylalkyl with 7 to 10 carbon atoms; y and z are independently integers from 6 to 8; n a number from 15 to 35; m and p are the same number and their sum is a number from 2 to 120 with n and the sum of m and p being chosen such that <IMAGE>

IPC 1-7

D06P 1/22; **D06P 1/30**; **D06P 3/66**; **D06P 1/667**; **D06P 1/62**; **D06P 1/613**

IPC 8 full level

D06P 3/60 (2006.01); **D06P 1/22** (2006.01); **D06P 1/30** (2006.01); **D06P 1/38** (2006.01); **D06P 1/613** (2006.01); **D06P 1/62** (2006.01); **D06P 1/667** (2006.01); **D06P 3/66** (2006.01)

CPC (source: EP US)

D06P 1/22 (2013.01 - EP US); **D06P 1/30** (2013.01 - EP US); **D06P 1/6138** (2013.01 - EP US); **D06P 1/628** (2013.01 - EP US); **D06P 1/667** (2013.01 - EP US); **D06P 3/66** (2013.01 - EP US); **Y10S 8/918** (2013.01 - US)

Citation (search report)

- FR 1396294 A 19650416 - HOECHST AG
- [A] FR 2372269 A1 19780623 - HOECHST AG [DE]
- GB 1120254 A 19680717 - HOECHST AG
- [A] FR 847911 A 19391019 - IG FARBENINDUSTRIE AG
- [A] US 2067927 A 19370119 - KERN JEAN G
- [A] FR 2014360 A1 19700417 - SANDOZ SA

Cited by

WO2022122291A1; EP0310556A1; EP4011987A1; CN110105228A; EP0242324A1; EP1305322A4; US7687483B2; US7186703B2

Designated contracting state (EPC)

AT CH DE FR GB IT NL

DOCDB simple family (publication)

EP 0023341 A2 19810204; **EP 0023341 A3 19810708**; **EP 0023341 B1 19840125**; AR 222237 A1 19810430; AT E5981 T1 19840215; BR 8004717 A 19810210; DE 2930756 A1 19810226; DE 3066276 D1 19840301; JP S5620685 A 19810226; JP S6343508 B2 19880831; US 4300903 A 19811117; ZA 804515 B 19810729

DOCDB simple family (application)

EP 80104312 A 19800723; AR 28191080 A 19800725; AT 80104312 T 19800723; BR 8004717 A 19800728; DE 2930756 A 19790728; DE 3066276 T 19800723; JP 10140480 A 19800725; US 17130380 A 19800723; ZA 804515 A 19800725