

Title (en)

Process for the treatment of dyed fibrous materials made from natural or synthetic polyamide

Title (de)

Verfahren zur Behandlung von gefärbten, natürlichen oder synthetischen Polyamidfasermaterialien

Title (fr)

Procédé de traitement de matériaux fibreux teints en polyamide naturel ou synthétique

Publication

EP 0879916 A3 20011212 (DE)

Application

EP 98810430 A 19980512

Priority

CH 117197 A 19970520

Abstract (en)

[origin: EP0879916A2] A process for fixing dyes on natural or synthetic polyamide fibre materials, in which the fabric is treated before, during or after dyeing with a solution containing a homo- or co-polymer (I) with repeat units of formula (1), (2) and/or (3). In the formulae, R1-R4 and R6 = H, 1-6C alkylsulphonyl, optionally substituted phenyl, benzoyl or phenylsulphonyl (optionally substituted in the benzene ring) or 1-12C alkyl (optionally substituted with hydroxy, carboxy, cyano, carbamoyl, the group -CONH-(alk)-T, N,N-di-(1-4C alkyl)-carbamoyl, -SO2-Pn-NH2, -SO2-Pn-NHCOR8, -SO2Ph substituted with NH2 and SO3H, amino, -NHR9, -N(R9)2, -N(R9)3<+> Y<-> or -COO-(alk)-T); (alk) = 1-10C alkylene; T = H or amino groups as above; Pn = phenylene; Ph = phenyl; R8, R9 = 1-6C alkyl; Y = anion; R5 = H, benzyl or a 1-12C alkyl group as for R1-R4 etc.; R7 = H or 1-4C alkyl. Also claimed are homo- or co-polymers containing units of formula (7).

IPC 1-7

D06P 1/52; **D06P 5/08**; **C08F 8/34**; **C08F 26/02**

IPC 8 full level

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CPC (source: EP US)

D06P 1/5242 (2013.01 - EP US); **D06P 5/06** (2013.01 - EP US); **D06P 5/08** (2013.01 - EP US); **D06P 3/04** (2013.01 - EP US); **Y10S 8/917** (2013.01 - US); **Y10S 8/924** (2013.01 - US)

Citation (search report)

- [A] EP 0685591 A1 19951206 - NICCA CHEMICAL CO [JP]
- [A] WO 9408092 A1 19940414 - BASF AG [DE], et al
- [XP] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 04 31 March 1998 (1998-03-31)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 09 31 October 1995 (1995-10-31)

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CN107779975A; WO2004050982A1

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EP 0879916 A2 19981125; **EP 0879916 A3 20011212**; **EP 0879916 B1 20030625**; CA 2237924 A1 19981120; CN 1199794 A 19981125; DE 59808788 D1 20030731; JP 3938630 B2 20070627; JP H10325084 A 19981208; US 5948125 A 19990907

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