

## 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

**D06P 3/24** (2006.01); **D06P 1/52** (2006.01); **D06P 5/00** (2006.01); **D06P 5/06** (2006.01); **D06P 5/08** (2006.01); **D06P 3/04** (2006.01)

## CPC (source: EP US)

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## 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)

## Cited by

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