

Title (en)
THE USE OF POLYCATIONIC CONDENSATION PRODUCTS AS AN ADDITIVE FOR DETERGENTS OR DETERGENT AFTER TREATMENT AGENTS IN ORDER TO INHIBIT RUNNING OF COLOURS AND TO REDUCE COLOUR LOSS

Title (de)
VERWENDUNG VON POLYKATIONISCHEN KONDENSATIONSPRODUKTEN ALS FARBÜBERTRAGUNGSINHIBIERENDEN UND FARBABLÖSUNGSVERMINDERNDEN ZUSATZ ZU WASCHMITTELN UND WÄSCHENACHBEHANDLUNGSMITTELN

Title (fr)
UTILISATION DE PRODUITS DE CONDENSATION POLYCATIONIQUES COMME ADJUVANTS INHIBITEURS DE TRANSFERT DE COULEURS ET REDUCTEURS DE DECOLORATION POUR LES LESSIVES ET PRODUITS DE POSTLAVAGE

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Application
EP 97911213 A 19971010

Priority
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Abstract (en)
[origin: US6025322A] PCT No. PCT/EP97/05606 Sec. 371 Date Apr. 21, 1999 Sec. 102(e) Date Apr. 21, 1999 PCT Filed Oct. 10, 1997 PCT Pub. No. WO98/17762 PCT Pub. Date Apr. 30, 1998 Polycationic condensates obtainable by condensing (a) piperazine, 1-alkylpiperazines having 1 to 25 carbon atoms in the alkyl group, 1,4-dialkylpiperazines having 1 to 25 carbon atoms in the alkyl group, 1,4-bis(3-aminopropyl)piperazine, 1-(2-aminoethyl)piperazine, 1-(2-hydroxyalkyl)piperazines having 2 to 25 carbon atoms in the alkyl group, imidazole, C1-C25-alkylimidazoles or mixtures of said compounds with (b) alkylene dihalides, epihalohydrins and/or bisepoxides in the molar ratio from 1:0.8 to 1:1.1 and, where appropriate, quaternization of the condensates with C4-C25-alkylating agents or by heating triethanolamine or triisopropanolamine in the presence of acidic catalysts and quaternizing the condensates with C4-C25-alkylating agents as color-fixing additive to detergents and fabric conditioners, and detergents which comprise (i) 1-50% by weight of at least one nonionic surfactant, (ii) 0-4.0% by weight of an anionic surfactant and (iii) 0.05-2.5% by weight of the polycationic condensate are used as color transfer inhibiting and color release reducing additive, and fabric conditioners which comprise a fabric softener, a nonionic surfactant and 0.1-2.5% by weight of said polycationic condensates.

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C11D 3/00; **C11D 3/37**

IPC 8 full level
D06L 1/02 (2006.01); **C11D 3/00** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP US)
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Cited by
WO2012117024A1; WO2022129368A1; US8129326B2; WO2020208052A1

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