

Title (en)

Use of copolymers comprising vinyl/monomers and carbonamide as detergent additive

Title (de)

Verwendung von Copolymeren auf Basis von Vinylmonomeren und Carbonsäureamiden als Waschmittelzusatz

Title (fr)

Utilisation des copolymères à base des monomères vinyle et carbonamide comme additif détergent

Publication

EP 0610846 B1 19990127 (DE)

Application

EP 94101799 A 19940207

Priority

DE 4304313 A 19930212

Abstract (en)

[origin: EP0610846A2] The present invention relates to the use of copolymers containing 75 - 95% by weight of the total monomer quantity of at least one vinyl monomer which is free of carboxyl and amide groups, 5 - 20% by weight of at least one carboxyamide of the formula (I) <IMAGE> in which R is a hydrogen atom or a methyl radical, R<1> is a hydrogen atom or a C1-C3-alkyl radical and R<2> is a hydrogen atom or a methyl radical and, where appropriate, together with a maximum of 5% by weight of a copolymerisable unsaturated carboxylic acid as detergent additive to prevent reuptake of dyes which have been dissolved off and of dye breakdown products.

IPC 1-7

C11D 3/37

IPC 8 full level

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CPC (source: EP US)

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Cited by

US7947087B2; DE102012219403A1; US7179778B2; DE102014220662A1; EP3009498A2; DE102014220663A1; WO2007019981A1; US8263541B2; US8785362B2; DE102013203484A1; WO2014131638A1; WO2018210591A1; DE102017004698A1

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