Title (en)

COPOLYMERS COMPRISING N-HETEROCYCLIC GROUPS, AND USE THEREOF AS AN ADDITIVE IN DETERGENTS

Title (de)

COPOLYMERE MIT N-HETEROCYCLISCHEN GRUPPEN UND DEREN VERWENDUNG ALS ADDITIV IN WASCHMITTELN

Title (fr)

COPOLYMERES A GROUPES HETEROCYCLIQUES EN N ET LEUR UTILISATION COMME ADDITIF DANS DES DETERGENTS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2005105968A1] The invention relates to the use of a copolymer comprising, in a polymerized form: (a) 80 to 99.9 mole percent of at least one monomer A containing one respective heterocycle which is provided with at least one N atom and is composed of 3 to 10 ring members and a C2-C6 alkenyl group that is bound to a C ring atom or N ring atom of the heterocycle; and (b) 0.1 to 20 mole percent of at least one monomer B which is polymerizable with monomer A and contains a monoethylenically unsaturated double bond and a linear or branched poly-C2-C4 alkylene oxide group with an average of 4 to 500C2-C4 alkylene oxide units in liquid and solid detergent formulations, the percentages being in relation to the total amount of monomers polymerized for producing the copolymer. The invention further relates to a method for producing such a copolymer and a liquid or solid detergent formulation comprising at least one such copolymer.

IPC 8 full level

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