

Title (en)

DETERGENT HAVING IMPROVED PERFORMANCE

Title (de)

REINIGUNGSMITTEL MIT VERBESSERTER LEISTUNGSFÄHIGKEIT

Title (fr)

DÉTERGENT AYANT DES PERFORMANCES AMÉLIORÉES

Publication

EP 3599273 A1 20200129 (EN)

Application

EP 18185930 A 20180727

Priority

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Abstract (en)

The present invention is related to the use of polymers, obtainable by radical induced polymerization of monomers according to formula I, in which, independently from each other, R^{1} , R^{2} and R^{3} is H or an alkyl group with 1 to 4 C-atoms with the proviso that at least one of R^{1} and R^{2} is H, or by radical induced copolymerization of monomers of said formula I with co-monomers selected from the group consisting of compounds according to formula II, in which R^{4} is H or an alkyl group with 1 to 4 C-atoms, R^{5} is -C(O)-O- R^{12} , -C(O)-NR 12 - R^{13} , -O- R^{13} , -C(O)-O-C(O)- R^{13} , -C(O)-NR 12 -C(O)- R^{13} or -O-C(O)- R^{13} , R^{12} is H or a linear or branched alkyl group with 1 to 20 C-atoms, R^{13} is a linear or branched alkyl group with 1 to 20 C-atoms, or compounds according to formula III, in which R^{6} is H, a halogen atom, or a linear or branched alkyl group with 1 to 20 C-atoms, R^{7} is an optionally substituted phenyl group or an alkenyl group with 2 to 20 C-atoms, or their mixtures, to improve the cleaning performance of detergents.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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