

Title (en)

AUTOMATIC DISHWASHING DETERGENT COMPOSITION

Title (de)

SPÜLMITTELZUSAMMENSETZUNG FÜR GESCHIRRSPÜLAUTOMAT

Title (fr)

COMPOSITION DE DÉTERGENT POUR LAVE-VAISSELLE AUTOMATIQUE

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Application

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Abstract (en)

[origin: WO2018206811A1] The present invention relates to an automatic dishwashing detergent composition consisting of: * 20-80 wt.% of builder; * 5-25 wt.% of bleach component; * 1-10 wt.% of a graft copolymer having a polysaccharide backbone and one or more side chains of one or more synthetic monomeric units; * 1-15 wt.% of nonionic surfactant represented by the following formula: $R1-O-(CH_2CH_2O)_n-(CHR_2CHR_2'O)_q-(CH_2CH(OH)R_3)_s-R_4$ wherein o R1 is an linear or branched C8-C22 alkyl radical or a linear or branched C8-C22 alkylphenol radical; o R2 and R2' are independently selected from hydrogen and a C1-C5 alkyl radical, and wherein either R2 or R2' is hydrogen; o R3 is a covalent bond or a linear, aliphatic C2-C26 alkyl radical; o R4 is selected from hydrogen, and an alkyl radical having 1-15 carbon atoms; o $5 \leq n \leq 30$; o $0 \leq q \leq 3$; o $s=1-5$, said nonionic surfactant being selected from homopolymers, statistical copolymers, block copolymers and combinations thereof; and * 0-60 wt.% of one or more other ingredients. The detergent composition of the present invention produces very good cleaning results with minimal spotting and film-forming.

IPC 8 full level

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