

Title (en)

AUTOMATIC DISHWASHING COMPOSITIONS COMPRISING SELECTED NONIONIC SURFACTANTS

Title (de)

MASCHINENGESCHIRRSPÜLMITTEL ENTHALTEND AUSGEWÄHLTE NICHTIONISCHE TENSIDE

Title (fr)

COMPOSITIONS DETERGENTES POUR LAVE-VAISSELLE COMPORTANT DES SURFACTANTS NON IONIQUES SELECTIONNES

Publication

EP 1155105 A1 20011121 (EN)

Application

EP 00908588 A 20000210

Priority

- US 0003455 W 20000210
- US 12103499 P 19990222

Abstract (en)

[origin: WO0050551A1] Automatic dishwashing detergent compositions comprising: a) 5 % to 90 % by weight of builder; b) 0.1 % to 15 % by weight of: i) a surfactant of the formula $R_{<1>}(EO)_a(PO)_b(BO)_c$, wherein $R_{<1>}$ is a linear or branched C6 to C20 alkyl; a is from 2 to 30; b is from 0 to 30; c is from 1 to 30; and said surfactant has an X/Y number less than 1.90; and or ii) a surfactant of the formula $R_{<1>O[CH_2CH(R_{<3>})_eR_{<2>}]$, wherein $R_{<1>}$ is a hydrocarbon radical having from 1 to 30 carbon atoms; $R_{<2>}$ is a hydrocarbon radical having 1 to 30 carbon atoms; $R_{<3>}$ is H, or a linear aliphatic hydrocarbon radical having from 1 to 4 carbon atoms; e is an integer having an average value from 1 to 40; c) optionally, from 0.1 % to 40 % by weight of a bleaching agent and d) adjunct materials, such as enzymes, surfactants other than (b), or chelating agents.

IPC 1-7

C11D 1/72

IPC 8 full level

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CPC (source: EP)

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