

Title (en)

LIQUID OR GEL DETERGENT COMPOSITIONS CONTAINING CALCIUM AND STABILIZING AGENT THEREOF.

Title (de)

FLÜSSIGE ODER GELFÖRMIGE WASCHMITTELZUSAMMENSETZUNGEN ENTHALTEND CALCIUM UND EINEN STABILISATOR.

Title (fr)

COMPOSITIONS DETERGENTES LIQUIDES OU EN GEL CONTENANT DU CALCIUM ET STABILISANT DE CELLES-CI.

Publication

EP 0658188 A1 19950621 (EN)

Application

EP 93921186 A 19930825

Priority

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- EP 92870139 A 19920901
- US 9307994 W 19930825

Abstract (en)

[origin: WO9405758A1] Liquid or gel detergent compositions having improved physical stability comprise, by weight of the composition: (a) from about 3 percent to about 95 % of anionic sulfate or sulfonate surfactant; (b) from about 3 % to about 40 % nonionic surfactant, preferably polyhydroxy fatty acid amide having formula (I) wherein R1 is hydrogen, C1-C4 hydrocarbyl, 2-hydroxyethyl, 2-hydroxypropyl, or mixtures thereof; R2 is C5-C31 hydrocarbyl; and Z is a polyhydroxy-hydrocarbyl having a linear hydrocarbyl chain with at least three hydroxyl groups directly connected to the chain, or an alkoxylated derivative thereof; (c) from about 0.1 % to about 3 % of calcium or strontium ions; (d) from 0.05 to 10 % of malic, maleic or acetic acid, at a molar ratio with calcium of from 0.01:1 to 10:1.

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C11D 1/83; C11D 3/02; C11D 3/32; C11D 17/00

IPC 8 full level

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