

Title (en)

POLYHYDROXY FATTY ACID AMIDES IN POLYCARBOXYLATE-BUILT DETERGENTS

Title (de)

POLYHYDROXYFETTSÄUREAMIDE IN POLYCARBOXYLAT ALS GERÜSTSTOFF ENTHALTENDE WASCHMITTEL

Title (fr)

AMIDES DE L'ACIDE GRAS DE POLYHYDROXY DANS DES DETERGENTS CONTENANT DES ADJUVANTS AU POLYCARBOXYLATE

Publication

EP 0551393 B1 19970716 (EN)

Application

EP 91918544 A 19910925

Priority

- US 9107031 W 19910925
- US 75590791 A 19910906
- US 58973290 A 19900928

Abstract (en)

[origin: WO9206164A1] Disclosed are detergent compositions containing polycarboxylate builders and one or more anionic, nonionic, or cationic deterative surfactants, or mixtures thereof, improved by the inclusion of certain polyhydroxy fatty acid amide surfactants. The compositions comprise at least 1 % by weight of polycarboxylate builder, and at least 1 % by weight of a polyhydroxy fatty acid amide of formula (I) wherein R<1> is H, C1-C4 hydrocarbyl, 2-hydroxy ethyl, 2-hydroxy propyl, or a mixture thereof; and R<2> is a C5-C31 hydrocarbyl; and Z is a polyhydroxyhydrocarbyl having a linear hydrocarbyl chain with at least 3 hydroxyls directly connected to the chain, or an alkoxylated derivative (preferably ethoxylated or propoxylated) thereof.

IPC 1-7

C11D 3/20; **C11D 1/52**; **C11D 3/32**

IPC 8 full level

A61K 8/00 (2006.01); **A61K 8/36** (2006.01); **A61K 8/362** (2006.01); **A61K 8/365** (2006.01); **A61K 8/37** (2006.01); **A61K 8/42** (2006.01); **A61K 8/46** (2006.01); **A61Q 19/10** (2006.01); **C11D 1/52** (2006.01); **C11D 1/66** (2006.01); **C11D 3/20** (2006.01); **C11D 3/32** (2006.01)

IPC 8 main group level

C11D (2006.01)

CPC (source: EP)

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Cited by

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