

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 A1 19930721 (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.

Abstract (fr)

Sont décrites des compositions détergentes contenant des adjuvants au polycarboxylate et un ou plusieurs tensioactifs détergents anioniques, non ioniques, ou cationiques, ou des mélanges de ceux-ci, améliorées par l'inclusion de tensioactifs de certains amides de l'acide gras de polyhydroxy. Ces compositions renferment au moins 1 % en poids d'adjuvant au polycarboxylate, et au moins 1 % en poids d'un amide de l'acide gras de polyhydroxy de formule (I) dans laquelle R1 est H, hydrocarbyle C1-C4, 2-hydroxy éthyle, 2-hydroxy propyle, ou un mélange de ceux-ci ; et R2 est un hydrocarbyle C5-C31 ; et Z est un polyhydroxyhydrocarbyle ayant une chaîne hydrocarbyle linéaire avec au moins 3 hydroxyles directement reliés à la chaîne, ou bien son dérivé alcoxylé (de préférence éthoxylé ou propoxylé).

IPC 1-7

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