Title (en)

Solid surfactant mixtures containing fatty acid polyhydroxyamides

Title (de)

Feste Tensidmischungen enthaltend Fettsäurepolyhydroxyamide

Title (fr)

Mélanges solides de tensioactifs contenant des polyhydroxyamides d'acides gras

Publication

EP 0984055 A1 20000308 (DE)

Application

EP 99116546 A 19990824

Priority

DE 19840342 A 19980904

Abstract (en)

Solid surfactant mixtures are based on fatty acid polyhydroxyamides (I), derived from 8-32 carbon (un)saturated fatty acids, and other nonionic surfactant(s) and/or other anionic surfactant(s). Solid surfactant mixtures are based on fatty acid polyhydroxyamides of formula (I), derived from 7-31 carbon (un)saturated fatty acids, and other nonionic surfactant(s) and/or other anionic surfactant(s): R = 7-31 carbon (C) alkyl or alkenyl; Z = a polyhydroxyhydrocarbyl group with NOTLESS 2 hydroxyl (OH) groups, which may also be alkoxylated; R<1> = 1-8 C alkyl or a group of formula -(CH2)xNR<2>R<3> pr R<4>O(CH2)n-; R<2>, R<3> = 1-4 C alkyl or 2-4 C hydroxyalkyl; R<4> = 1-4 C alkyl; x = 1-10; n = 2-4.

Abstract (de)

Feste Tensidmischungen, bestehend im wesentlichen aus einem oder mehreren Fettsäurepolyhydroxyamiden der Formel 1 RCONR<1>Z worin R C7-C31-Alkyl oder C7-C31-Alkenyl, Z eine Polyhydroxykohlenwasserstoffgruppe mit mindestens zwei Hydroxylgruppen, die auch alkoxyliert sein können, und R<1> C1-C8-Alkyl, eine Gruppe der Formeln -(CH2)xNR<2>R<3> oder R<4>O(CH2)n-, R<2> und R<3> C1-C4-Alkyl oder C2-C4-Hydroxyalkyl, R<4> C1-C4-Alkyl und x eine Zahl von 1 bis 10 und n eine Zahl von 2 bis 4 bedeuten, einem oder mehreren anderen nichtionischen Tensiden und/oder einem oder mehreren anionischen Tensiden.

IPC 1-7

C11D 1/52; C11D 1/65; C11D 1/835

IPC 8 full level

C11D 17/00 (2006.01); **C11D 1/12** (2006.01); **C11D 1/65** (2006.01); **C11D 1/74** (2006.01); **C11D 1/835** (2006.01); **C11D 1/86** (2006.01); **C11D 3/32** (2006.01); C11D 1/02 (2006.01); C11D 1/04 (2006.01); C11D 1/14 (2006.01); C11D 1/22 (2006.01); C11D 1/29 (2006.01); C11D 1/52 (2006.01); C11D 1/72 (2006.01)

CPC (source: EP US)

C11D 1/652 (2013.01 - EP US); **C11D 1/835** (2013.01 - EP US); **C11D 1/86** (2013.01 - EP US); C11D 1/02 (2013.01 - EP US); C11D 1/04 (2013.01 - EP US); C11D 1/14 (2013.01 - EP US); C11D 1/22 (2013.01 - EP US); C11D 1/29 (2013.01 - EP US); C11D 1/525 (2013.01 - EP US); C11D 1/72 (2013.01 - EP US)

Citation (search report)

- [X] WO 9206150 A1 19920416 - PROCTER & GAMBLE [US]
- [DX] WO 9206160 A1 19920416 - PROCTER & GAMBLE [US]
- [X] WO 9507332 A1 19950316 - PROCTER & GAMBLE [US]
- [X] WO 9206162 A1 19920416 - PROCTER & GAMBLE [US]

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Designated contracting state (EPC)

BE DE ES FR GB IT

DOCDB simple family (publication)

EP 0984055 A1 20000308; BR 9904081 A 20000912; DE 19840342 A1 20000309; JP 2000087095 A 20000328; US 6165972 A 20001226

DOCDB simple family (application)

EP 99116546 A 19990824; BR 9904081 A 19990903; DE 19840342 A 19980904; JP 24986599 A 19990903; US 38740199 A 19990902