

Title (en)
DETERGENT COMPOSITIONS CONTAINING POLYHYDROXY FATTY ACID AMIDES AND SUDS ENHANCING AGENT.

Title (de)
POLYHYDROXYFETTSÄUREAMIDE UND SCHAUMVERSTÄRKER ENTHALTENDE WASCHMITTELZUSAMMENSETZUNGEN.

Title (fr)
COMPOSITIONS DETERGENTES CONTENANT DES TENSIOACTIFS ANIONIQUES, DES AMIDES D'ACIDES GRAS POLYHYDROXY ET UN AGENT AMELIORANT LE POUVOIR MOUSSANT A SELECTION CRITIQUE.

Publication
EP 0550653 B1 19940831

Application
EP 91918348 A 19910925

Priority

- US 9106981 W 19910925
- US 59061690 A 19900928
- US 73793691 A 19910729
- US 75589391 A 19910906

Abstract (en)
[origin: WO9206161A1] The present invention provides detergent compositions comprising one or more anionic sulfate or sulfonate surfactants; one or more polyhydroxy fatty acid amides having formula (I), wherein R<1> is H, a C1-C4 hydrocarbyl, 2-hydroxy ethyl, 2-hydroxy propyl, or mixtures thereof, R<2> is a C5-C31 hydrocarbyl, and Z is a polyhydroxyhydrocarbyl having a linear hydrocarbyl chain with at least 3 hydroxyl groups directly connected to the chain, or an alkoxylated derivative thereof; and a critically selected suds enhancing agent. The present invention also provides for a method for cleaning soiled dishes by treating said dishes with the detergent compositions disclosed herein.

IPC 1-7
C11D 1/86; **C11D 1/94**; **C11D 1/52**; **C11D 3/32**

IPC 8 full level
C11D 1/52 (2006.01); **C11D 1/66** (2006.01); **C11D 1/722** (2006.01); **C11D 1/86** (2006.01); **C11D 1/88** (2006.01); **C11D 1/94** (2006.01); **C11D 3/20** (2006.01); **C11D 3/32** (2006.01); **C11D 1/14** (2006.01); **C11D 1/22** (2006.01); **C11D 1/29** (2006.01); **C11D 1/44** (2006.01); **C11D 1/72** (2006.01); **C11D 1/75** (2006.01)

CPC (source: EP)
C11D 1/525 (2013.01); **C11D 1/662** (2013.01); **C11D 1/86** (2013.01); **C11D 1/94** (2013.01); **C11D 3/0094** (2013.01); **C11D 3/201** (2013.01); **C11D 1/14** (2013.01); **C11D 1/22** (2013.01); **C11D 1/29** (2013.01); **C11D 1/44** (2013.01); **C11D 1/72** (2013.01); **C11D 1/75** (2013.01)

Cited by
DE19752454B4; DE19752454A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
WO 9206161 A1 19920416; AT E110767 T1 19940915; AU 663854 B2 19951026; AU 8739691 A 19920428; BR 9106913 A 19930720; DE 69103759 D1 19941006; DE 69103759 T2 19950427; EP 0550653 A1 19930714; EP 0550653 B1 19940831; ES 2059154 T3 19941101; FI 931367 A0 19930326; FI 931367 A 19930426; HK 1006182 A1 19990212; HU 213365 B 19970528; HU 9300896 D0 19930728; HU T63873 A 19931028; JP 3046070 B2 20000529; JP H06502198 A 19940310; MX 9101363 A 19920504; MY 110806 A 19990531; NO 931020 D0 19930322; NO 931020 L 19930528; NZ 240041 A 19950726

DOCDB simple family (application)
US 9106981 W 19910925; AT 91918348 T 19910925; AU 8739691 A 19910925; BR 9106913 A 19910925; DE 69103759 T 19910925; EP 91918348 A 19910925; ES 91918348 T 19910925; FI 931367 A 19930326; HK 98105326 A 19980615; HU 89693 A 19910925; JP 51700191 A 19910925; MX 9101363 A 19910930; MY PI19911783 A 19910928; NO 931020 A 19930322; NZ 24004191 A 19910930