

Title (en)

USE OF ETHOXYLATED DIPHTIC ALCOHOLS AS DISSOLUTION AIDS

Title (de)

VERWENDUNG ETHOXYLICHTER ALIPHATISCHER ALKOHOLE ALS LÖSUNGSVERMITTLER

Title (fr)

UTILISATION D'ALCOHOLS ALIPHATIQUES ETHOXYLES COMME AIDES DE DISSOLUTION

Publication

EP 0678119 B2 20050525 (EN)

Application

EP 94903842 A 19931217

Priority

- EP 9303624 W 19931217
- GB 9300311 A 19930108

Abstract (en)

[origin: WO9416052A1] A particulate high bulk density detergent composition is provided having improved dissolution characteristics and comprising a surfactant system including one or more anionic and/or nonionic surfactants, at least one detergency builder and a dissolution aid. The dissolution aid is present in an amount from 0.01 to 2 % by weight as calculated on the composition and comprises a nonionic surfactant which is an alkoxyated aliphatic alcohol containing at least 25 alkylene oxide groups.

IPC 1-7

C11D 17/06; **C11D 1/72**

IPC 8 full level

C11D 1/72 (2006.01); **C11D 1/83** (2006.01); **C11D 11/00** (2006.01); **C11D 17/06** (2006.01); **C11D 1/14** (2006.01); **C11D 1/22** (2006.01)

CPC (source: EP)

C11D 1/83 (2013.01); **C11D 17/065** (2013.01); **C11D 1/146** (2013.01); **C11D 1/22** (2013.01); **C11D 1/72** (2013.01)

Citation (opposition)

Opponent :

- WO 9218594 A1 19921029 - PROCTER & GAMBLE [US]
- EP 0142910 A1 19850529 - PROCTER & GAMBLE [US], et al
- EP 0495345 A1 19920722 - PROCTER & GAMBLE [US]
- GB 1462134 A 19770119 - PROCTER & GAMBLE
- US 4876023 A 19891024 - DICKENSON HAYDN G W [GB], et al
- US 4294711 A 19811013 - HARDY FREDERICK E, et al
- LUTENSOL AT, Technical Information, BASF December 1987
- DOBANOL, Technical Information, SHELL Chemicals
- NEODOL, Technical Information, SHELL Chemicals

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9416052 A1 19940721; AU 5814294 A 19940815; BR 9307809 A 19951114; CA 2153312 A1 19940721; CA 2153312 C 20030916; DE 69314056 D1 19971023; DE 69314056 T2 19980122; DE 69314056 T3 20060202; EP 0678119 A1 19951025; EP 0678119 B1 19970917; EP 0678119 B2 20050525; ES 2107805 T3 19971201; ES 2107805 T5 20051201; GB 9300311 D0 19930303; JP H08505177 A 19960604; ZA 939731 B 19950628

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