

Title (en)

USE OF ETHOXYLATED DIPHTIC ALCOHOLS AS DISSOLUTION AIDS

Title (de)

VERWENDUNG ETHOXYLIERTER 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

DOCDB simple family (application)

**EP 9303624 W 19931217**; AU 5814294 A 19931217; BR 9307809 A 19931217; CA 2153312 A 19931217; DE 69314056 T 19931217; EP 94903842 A 19931217; ES 94903842 T 19931217; GB 9300311 A 19930108; JP 51563594 A 19931217; ZA 939731 A 19931228