

Title (en)

IMPROVEMENTS RELATING TO SURFACTANT-OIL MICROEMULSION CONCENTRATES

Title (de)

VERBESSERUNGEN IN BEZUG AUF TENSIDÖL-MIKROEMULSIONKONZENTRATE

Title (fr)

AMELIORATIONS APORTEES A DES CONCENTRES DE MICROEMULSIONS DE TENSIOACTIFS-HUILES

Publication

EP 0769043 B1 19990818 (EN)

Application

EP 95925789 A 19950629

Priority

- EP 9502533 W 19950629
- GB 9413612 A 19940706

Abstract (en)

[origin: WO9601305A1] The disclosure relates to an aqueous cleaning composition which upon aqueous dilution by a factor of at least two produces a stable emulsion, said emulsion having a measured dispersed phase particle size of 10-100 nanometers, said composition including: a) 20-70 wt. % water, b) from 15-40 wt.% of a surfactant system comprising at least one alkoxylated alcohol nonionic surfactant and not more than 20 wt.% on surfactant of anionic, cationic, amphoteric or zwitterionic surfactant, c) from 5-30 wt.% of a solvent, said solvent having a solubility of greater than 2 % w/w but less than 12 % w/w in water, and d) 5-20 wt.% of a substantially water-insoluble oil, said composition having a measured dispersed phase particle size of greater than 100 nm prior to dilution. Advantageously, the compositions according to the invention are of relatively high viscosity and exhibit the property of clinging to a sloping surface, while, on dilution, they form mobile microemulsions.

IPC 1-7

C11D 1/72; **C11D 3/18**; **C11D 3/43**; **C11D 3/20**; **C11D 17/00**

IPC 8 full level

C11D 1/72 (2006.01); **C11D 3/18** (2006.01); **C11D 3/20** (2006.01); **C11D 3/43** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)

C11D 1/72 (2013.01); **C11D 3/18** (2013.01); **C11D 3/201** (2013.01); **C11D 3/2068** (2013.01); **C11D 3/2093** (2013.01); **C11D 3/43** (2013.01); **C11D 17/0021** (2013.01)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

WO 9601305 A1 19960118; AU 2979095 A 19960125; AU 704076 B2 19990415; BR 9508238 A 19971223; CA 2191857 A1 19960118; DE 69511555 D1 19990923; DE 69511555 T2 20000127; EP 0769043 A1 19970423; EP 0769043 B1 19990818; ES 2136867 T3 19991201; GB 9413612 D0 19940824

DOCDB simple family (application)

EP 9502533 W 19950629; AU 2979095 A 19950629; BR 9508238 A 19950629; CA 2191857 A 19950629; DE 69511555 T 19950629; EP 95925789 A 19950629; ES 95925789 T 19950629; GB 9413612 A 19940706