

Title (en)

SYNERGISTIC SURFACTANT MIXTURES WITH HIGHER DYNAMIC PROPERTIES AND LOWER CMC

Title (de)

SYNERGISTISCHE TENSIDMISCHUNGEN MIT HOHER DYNAMIK UND NIEDRIGER CMC

Title (fr)

MELANGES D'AGENTS TENSIOACTIFS AGISSANT EN SYNERGIE AYANT UN DYNAMISME ELEVE ET UNE CMC REDUITE

Publication

EP 1753854 A2 20070221 (DE)

Application

EP 05737894 A 20050428

Priority

- EP 2005004571 W 20050428
- DE 102004021208 A 20040429

Abstract (en)

[origin: WO2005105964A2] A surfactant mixture is disclosed comprising at least one anionic surfactant and at least one amphoteric surfactant, as well as a solution comprising 0.01-40 % by weight of this surfactant mixture, 60-99.99 % by weight water and 0-5 % by weight additives, the use of surfactant mixtures comprising at least one anionic surfactant and at least one amphoteric surfactant or at least one non-ionic surfactant and at least one amphoteric surfactant for lowering micelle formation concentration, increasing wetting speed and improving adsorption at the boundary surfaces in detergents, cleaning agents, rinsing agents, coatings, moisturisers, emulsions, suspensions, equalising additives or formulations for finishing leather and/or textiles, and detergents containing surfactant mixtures of the Na salt of di-2-ethylhexylsulfosuccinate and myristyl and/or lauryl dimethylaminoxide or isotridecanol ethoxylated with 3-7 equivalents ethylene oxide, and myristyl and/or lauryl dimethylaminoxide.

IPC 8 full level

B01F 17/00 (2006.01); **C09K 23/00** (2022.01); **C11D 1/825** (2006.01); **C11D 1/83** (2006.01); **C11D 1/94** (2006.01); **C11D 1/12** (2006.01); **C11D 1/72** (2006.01); **C11D 1/75** (2006.01)

CPC (source: EP US)

C11D 1/825 (2013.01 - EP US); **C11D 1/83** (2013.01 - EP US); **C11D 1/94** (2013.01 - EP US); **C11D 1/123** (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US); **C11D 1/75** (2013.01 - EP US)

Citation (search report)

See references of WO 2005105964A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005105964 A2 20051110; WO 2005105964 A3 20060119; DE 102004021208 A1 20051124; EP 1753854 A2 20070221; JP 2007534817 A 20071129; US 2007203050 A1 20070830

DOCDB simple family (application)

EP 2005004571 W 20050428; DE 102004021208 A 20040429; EP 05737894 A 20050428; JP 2007509968 A 20050428; US 57814006 A 20061010