

Title (en)

SECONDARY (2,3) ALKYL SULFATE SURFACTANTS IN MIXED SURFACTANT PARTICLES

Title (de)

SEKUNDÄRE (2,3) ALKYSULFATTENSIDE IN GEMISCHTEN TENSIDPARTIKELN

Title (fr)

TENSIOACTIFS DE (2,3) SULFATES D'ALKYLE SECONDAIRES SE TROUVANT DANS DES PARTICULES DE TENSIOACTIFS MELANGES

Publication

EP 0693112 A1 19960124 (EN)

Application

EP 94914034 A 19940405

Priority

- US 9403700 W 19940405
- US 4574693 A 19930408

Abstract (en)

[origin: WO9424242A1] Secondary (2,3) alkyl sulfate surfactants are used to prepare free-flowing detergent particles which contain various co-surfactants. Thus, particles comprising the secondary (2,3) alkyl sulfates and co-surfactants such as primary alkyl sulfates, polyhydroxy fatty acid amides, alkyl ethoxy sulfates, alpha -sulfonated fatty acid esters, alkyl polyglycosides and mixtures thereof are prepared. The use of such particles in granular laundry detergents, including high density granules, is disclosed.

IPC 1-7

C11D 1/14; C11D 1/37; C11D 1/65; C11D 1/83

IPC 8 full level

C09K 23/02 (2022.01); **C09K 23/22** (2022.01); **C09K 23/38** (2022.01); **C09K 23/40** (2022.01); **C09K 23/56** (2022.01); **C11D 1/14** (2006.01);
C11D 1/37 (2006.01); **C11D 1/52** (2006.01); **C11D 1/65** (2006.01); **C11D 1/68** (2006.01); **C11D 1/70** (2006.01); **C11D 1/83** (2006.01);
C11D 1/29 (2006.01); **C11D 1/66** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP)

C11D 1/146 (2013.01); **C11D 1/37** (2013.01); **C11D 1/652** (2013.01); **C11D 1/83** (2013.01); **C11D 1/29** (2013.01); **C11D 1/523** (2013.01);
C11D 1/525 (2013.01); **C11D 1/662** (2013.01); **C11D 1/72** (2013.01)

Citation (search report)

See references of WO 9424242A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

WO 9424242 A1 19941027; AU 6625794 A 19941108; AU 683883 B2 19971127; BR 9405862 A 19951226; CA 2160106 A1 19941027;
CN 1124498 A 19960612; CZ 260595 A3 19960417; EP 0693112 A1 19960124; FI 954777 A0 19951006; FI 954777 A 19951006;
HU 9502931 D0 19951228; HU T73067 A 19960628; JP H08509013 A 19960924; NO 953919 D0 19951003; NO 953919 L 19951204;
PE 10395 A1 19950520; PL 310987 A1 19960122; RU 2127301 C1 19990310

DOCDB simple family (application)

US 9403700 W 19940405; AU 6625794 A 19940405; BR 9405862 A 19940405; CA 2160106 A 19940405; CN 94192201 A 19940405;
CZ 260595 A 19940405; EP 94914034 A 19940405; FI 954777 A 19951006; HU 9502931 A 19940405; JP 52326994 A 19940405;
NO 953919 A 19951003; PE 23976794 A 19940408; PL 31098794 A 19940405; RU 95119585 A 19940405