

Title (en)

AQUEOUS MULTIPHASE SURFACTANT PREPARATIONS

Title (de)

WÄSSRIGE MEHRPHASIGE TENSIDZUBEREITUNGEN

Title (fr)

PREPARATIONS TENSIOACTIVES AQUEUSES A PHASES MULTIPLES

Publication

EP 1165743 A1 20020102 (DE)

Application

EP 00920627 A 20000330

Priority

- DE 19915837 A 19990408
- EP 0002806 W 20000330

Abstract (en)

[origin: WO0061716A1] The invention relates to aqueous preparations in the form of two or more separated, aqueous phases in the idle state, whereby said phases are dispersible together. The preparations have at least one surface-active compound and at least one solved polymer compound and are provided with an accelerated phase separation in the idle state when said preparations contain at least one water-soluble, monovalent or multivalent alcohol with 2-9 C-atoms. In a preferred embodiment, 2-20 wt. % of an ether sulfate or ether sulfosuccinate are contained as a surface-active substance and 2-20 wt. % of ethyl alcohol or isopropyl alcohol are contained as an alcohol. The polymer compound is preferably chosen from polypropylene glycol with molecular weights of more than 1,000 D, hydroxyethylcellulose, xanthan gum, dextrane, sodium hyaluronate or cationic cellulose ethers.

IPC 1-7

C11D 17/00; **C11D 3/20**; **C11D 1/12**; **C11D 1/16**; **C11D 1/29**; **C11D 3/37**; **C11D 3/22**

IPC 8 full level

C11D 1/12 (2006.01); **C11D 1/16** (2006.01); **C11D 1/29** (2006.01); **C11D 3/20** (2006.01); **C11D 3/22** (2006.01); **C11D 3/37** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)

C11D 3/2003 (2013.01); **C11D 3/201** (2013.01); **C11D 3/2017** (2013.01); **C11D 17/0017** (2013.01)

Citation (search report)

See references of WO 0061716A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0061716 A1 20001019; AT E286966 T1 20050115; AU 4113600 A 20001114; DE 19915837 A1 20001012; DE 50009223 D1 20050217; EP 1165743 A1 20020102; EP 1165743 B1 20050112

DOCDB simple family (application)

EP 0002806 W 20000330; AT 00920627 T 20000330; AU 4113600 A 20000330; DE 19915837 A 19990408; DE 50009223 T 20000330; EP 00920627 A 20000330