

Title (en)
ANIONIC SURFACTANTS WITH IMPROVED SOLUBILITY

Title (de)
ANIONISCHE TENSIDE MIT VERBESSERTER LÖSLICHKEIT

Title (fr)
TENSIOACTIFS ANIONIQUES A SOLUBILITE AMELIOREE

Publication
EP 0682690 B1 19970709 (DE)

Application
EP 94906150 A 19940126

Priority
• DE 4303211 A 19930204
• EP 9400207 W 19940126

Abstract (en)
[origin: WO9418291A1] Anionic surfactants with improved solubility are obtained by processing anionic surfactants selected from the group of alkylbenzenesulfonates, alkane sulfonates, olefin sulfonates, alkyl ether sulfonates, glycerine ether sulfonate, alpha -methyl ester sulfonates, alkylsulfonic acids, fatty alcohol sulfates, fatty alcohol ether sulfates, glycerine ether sulfates, hydroxy mixed ether sulfates, monoglyceride (ether) sulfates, fatty acid amide (ether) sulfates, sulfosuccinates, sulfosuccinamates, sulfotriglycerides, amide soaps, ether carboxylic acids, isethionates, sarcosinates, taurides, alkyl oligoglucoside sulfates and alkyl (ether) phosphates, together with a hydrophobic structure breaker and selected polymer stabilizers to form a powder using per se known methods, or by working them into lumps. The products show excellent cold-water solubility and can be used in preparing solid surface active agents.

IPC 1-7
C11D 1/02; **C11D 3/37**; **C11D 3/22**; **C11D 1/83**

IPC 8 full level
C11D 1/02 (2006.01); **C11D 1/83** (2006.01); **C11D 3/16** (2006.01); **C11D 3/22** (2006.01); **C11D 3/37** (2006.01); **C11D 1/06** (2006.01); **C11D 1/10** (2006.01); **C11D 1/12** (2006.01); **C11D 1/14** (2006.01); **C11D 1/16** (2006.01); **C11D 1/22** (2006.01); **C11D 1/28** (2006.01); **C11D 1/29** (2006.01); **C11D 1/34** (2006.01); **C11D 1/66** (2006.01); **C11D 1/68** (2006.01); **C11D 1/72** (2006.01); **C11D 1/722** (2006.01)

CPC (source: EP KR)
C11D 1/02 (2013.01 - KR); **C11D 1/83** (2013.01 - EP); **C11D 3/222** (2013.01 - EP); **C11D 3/3703** (2013.01 - EP); **C11D 3/3707** (2013.01 - EP); **C11D 1/06** (2013.01 - EP); **C11D 1/10** (2013.01 - EP); **C11D 1/123** (2013.01 - EP); **C11D 1/126** (2013.01 - EP); **C11D 1/14** (2013.01 - EP); **C11D 1/16** (2013.01 - EP); **C11D 1/22** (2013.01 - EP); **C11D 1/28** (2013.01 - EP); **C11D 1/29** (2013.01 - EP); **C11D 1/345** (2013.01 - EP); **C11D 1/662** (2013.01 - EP); **C11D 1/667** (2013.01 - EP); **C11D 1/72** (2013.01 - EP); **C11D 1/722** (2013.01 - EP)

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DOCDB simple family (application)
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