

Title (en)
WATER-FREE SURFACE-ACTIVE AGENTS

Title (de)
WASSERFREIE TENSIDGEMISCHE

Title (fr)
MELANGES TENSIOACTIFS EXEMPTS D'EAU

Publication
EP 0944697 A2 19990929 (DE)

Application
EP 97951883 A 19971111

Priority
• DE 19648014 A 19961120
• EP 9706273 W 19971111

Abstract (en)
[origin: DE19648014A1] Novel water-free mixtures of surface-active agents, containing: (a) fatty alcohol sulfates with 16 and/or 18 carbon atoms and (b) alkyl benzosulfonates with 10-14 carbon atoms in the alkyl residue, in a weight ratio of 50:50 to 90:10. The mixtures are characterized by a synergistic reduction of irritation potential while maintaining excellent detergent properties.

IPC 1-7
C11D 1/37

IPC 8 full level
C11D 1/37 (2006.01); **C11D 17/00** (2006.01); **C11D 1/14** (2006.01); **C11D 1/22** (2006.01)

CPC (source: EP US)
C11D 1/37 (2013.01 - EP US); **C11D 17/0004** (2013.01 - EP US); **C11D 1/146** (2013.01 - EP US); **C11D 1/22** (2013.01 - EP US)

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See references of WO 9822561A2

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DE 19648014 A1 19980604; **DE 19648014 C2 20020919**; DE 59705005 D1 20011122; EP 0944697 A2 19990929; EP 0944697 B1 20011017; ES 2166106 T3 20020401; US 6165961 A 20001226; WO 9822561 A2 19980528; WO 9822561 A3 19981015

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DE 19648014 A 19961120; DE 59705005 T 19971111; EP 9706273 W 19971111; EP 97951883 A 19971111; ES 97951883 T 19971111; US 30853999 A 19990520