

Title (en)

AQUEOUS HEAVY DUTY LIQUID DETERGENT COMPOSITIONS COMPRISING MODIFIED ALKYL BENZENE SULFONATES

Title (de)

WÄSSRIGE VOLLWASCHMITTELZUSAMMENSETZUNGEN ENTHALTEND MODIFIZIERTE ALKYL BENZYL SULFONATE

Title (fr)

COMPOSITIONS DE DETERGENTS LIQUIDES PUISSANTS A BASE AQUEUSE, COMPRENANT DES SULFONATES D'ALKYL BENZENE MODIFIES

Publication

EP 1144571 A3 20021120 (EN)

Application

EP 99968121 A 19991215

Priority

- US 9929717 W 19991215
- US 11649799 P 19990120

Abstract (en)

[origin: WO0043473A2] This invention relates to hard surface cleaning compositions which include modified alkylbenzene sulfonate surfactant mixtures.

[origin: WO0043473A2] The present invention relates to aqueous based heavy-duty liquid detergent compositions containing a modified alkylbenzene sulfonate surfactant (MABS), a co-surfactant (alkyl polyhydroxy fatty acid amide and/or alkyl amidopropyl dimethyl amine) and an aqueous liquid carrier. The MABS comprise a mixture of specific branched and non-branched alkylbenzene sulfonate compounds, which are further characterised by a 2/3-phenyl index of 275-10000.

IPC 1-7

C11D 1/00

IPC 8 full level

C07B 61/00 (2006.01); **C07C 15/107** (2006.01); **C11D 1/14** (2006.01); **C11D 1/22** (2006.01); **C11D 1/40** (2006.01); **C11D 1/52** (2006.01); **C11D 1/65** (2006.01); **C11D 1/72** (2006.01); **C11D 3/34** (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **C11D 11/04** (2006.01); **C11D 17/08** (2006.01)

CPC (source: EP)

C11D 1/652 (2013.01); **C11D 11/04** (2013.01); **C11D 1/22** (2013.01); **C11D 1/525** (2013.01); **C11D 1/528** (2013.01)

Citation (search report)

See references of WO 0043473A2

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 0043473 A2 20000727; **WO 0043473 A3 20021003**; AU 2480100 A 20000807; BR 9916940 A 20011120; CA 2358856 A1 20000727; EP 1144571 A2 20011017; EP 1144571 A3 20021120; JP 2003518518 A 20030610

DOCDB simple family (application)

US 9929717 W 19991215; AU 2480100 A 19991215; BR 9916940 A 19991215; CA 2358856 A 19991215; EP 99968121 A 19991215; JP 2000594882 A 19991215