

Title (en)

CLEANING COMPOSITIONS

Publication

EP 0137871 B1 19891018 (EN)

Application

EP 83306238 A 19831014

Priority

EP 83306238 A 19831014

Abstract (en)

[origin: EP0137871A1] Single phase aqueous liquid detergent compositions having a viscosity of > 180 centipoises at 20 DEG C are provided by amine oxide - anionic surfactant systems in which the total surfactant level is not more than 3.0% by weight and in which the proportion of amine oxide and anionic surfactant is in the range 80:20-99.9:0.1, more preferably 93.5:6.5-99.0:1.0, percent by weight, the compositions also comprising one or more ionisable non surface active organic or inorganic compound in an amount to give an ionic strength of at least 3.5 moles/dm³.

IPC 1-7

C11D 1/75; C11D 1/83; C11D 3/395

IPC 8 full level

C11D 1/75 (2006.01); **C11D 1/83** (2006.01); **C11D 3/395** (2006.01); **C11D 10/04** (2006.01); **C11D 1/02** (2006.01); **C11D 1/14** (2006.01); **C11D 1/22** (2006.01); **C11D 1/66** (2006.01)

CPC (source: EP)

C11D 1/75 (2013.01); **C11D 1/83** (2013.01); **C11D 3/3956** (2013.01); **C11D 10/04** (2013.01); **C11D 1/02** (2013.01); **C11D 1/143** (2013.01); **C11D 1/46** (2013.01); **C11D 1/22** (2013.01); **C11D 1/66** (2013.01)

Citation (examination)

- GB 1329086 A 19730905 - UNILEVER LTD
- GB 2003522 A 19790314 - ICI LTD

Cited by

US6268324B1; US6630434B2; ES2040620A1; EP0145084A3; US5279758A; US5705467A; US4986926A; GB2185036A; GB2185036B; EP0916719A3; TR28396A; EP0595590A3; US4828748A; FR2773168A1; US5034150A; US4853146A; US4842771A; JP2015518064A; JP2017071800A; US8871700B2; US9133417B2; US6180583B1; WO9410272A1; WO2013142476A1; WO9943779A1; WO9943778A1; WO9428108A1; EP0144166B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0137871 A1 19850424; EP 0137871 B1 19891018; AT E47423 T1 19891115; DE 3380736 D1 19891123

DOCDB simple family (application)

EP 83306238 A 19831014; AT 83306238 T 19831014; DE 3380736 T 19831014