

Title (en)

AQUEOUS LIQUID CLEANING AGENT.

Title (de)

WÄSSRIGES FLÜSSIGES REINIGUNGSMITTEL.

Title (fr)

PRODUIT DE NETTOYAGE LIQUIDE SOUS FORME AQUEUSE.

Publication

EP 0513138 B1 19940817

Application

EP 91903675 A 19910124

Priority

- DE 4003098 A 19900202
- EP 9100134 W 19910124

Abstract (en)

[origin: WO9111506A1] Aqueous liquid cleaning agent, especially for dishwashing by hand, with an active substance content of 10 to 60, preferably 15 to 40 % wt., consisting of alkyl sulphates, alkyl ether sulphates, betains and alkyl glucosides containing more than 45 % alkyl sulphates and alkyl ether sulphates in the active substance, whereby their content is more than 1.5 times the betain content and at least double the alkyl glucoside content.

IPC 1-7

C11D 1/94

IPC 8 full level

C11D 1/94 (2006.01); **C11D 1/14** (2006.01); **C11D 1/29** (2006.01); **C11D 1/66** (2006.01)

CPC (source: EP)

C11D 1/94 (2013.01); **C11D 1/146** (2013.01); **C11D 1/29** (2013.01); **C11D 1/662** (2013.01)

Cited by

US5932535A; US5925747A; EP0780464A2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

WO 9111506 A1 19910808; AT E110106 T1 19940915; DE 4003098 A1 19910808; DE 59102570 D1 19940922; EP 0513138 A1 19921119; EP 0513138 B1 19940817; EP 0513138 B2 19970618; ES 2059120 T3 19941101; ES 2059120 T5 19970801

DOCDB simple family (application)

EP 9100134 W 19910124; AT 91903675 T 19910124; DE 4003098 A 19900202; DE 59102570 T 19910124; EP 91903675 A 19910124; ES 91903675 T 19910124