

Title (en)
GENERAL PURPOSE CLEANERS

Title (de)
ALLZWECKREINIGER

Title (fr)
NETTOYANTS UNIVERSELS

Publication
EP 1137750 A1 20011004 (DE)

Application
EP 99962184 A 19991130

Priority

- DE 19856727 A 19981209
- EP 9909286 W 19991130

Abstract (en)
[origin: DE19856727A1] The invention relates to general purpose cleaners containing alkoxylated carboxylic acid esters, especially such as those produced by reacting carboxylic acid esters and alkylene oxides in the presence of calcinated hydrotalcites; and betaines and/or amine oxides as co-tensides. The invention also relates to the use of a tenside mixture containing alkoxylated carboxylic acid esters and betaines and/or amine oxides for producing general purpose cleaners of this type.

IPC 1-7
C11D 1/94; C11D 1/825

IPC 8 full level
C11D 1/825 (2006.01); **C11D 1/94** (2006.01); **C11D 1/14** (2006.01); **C11D 1/29** (2006.01); **C11D 1/52** (2006.01); **C11D 1/66** (2006.01);
C11D 1/74 (2006.01); **C11D 1/75** (2006.01); **C11D 1/90** (2006.01)

CPC (source: EP US)
C11D 1/825 (2013.01 - EP US); **C11D 1/94** (2013.01 - EP US); **C11D 1/146** (2013.01 - EP US); **C11D 1/29** (2013.01 - EP US);
C11D 1/525 (2013.01 - EP US); **C11D 1/662** (2013.01 - EP US); **C11D 1/74** (2013.01 - EP US); **C11D 1/75** (2013.01 - EP US);
C11D 1/90 (2013.01 - EP US)

Citation (search report)
See references of WO 0034425A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
DE 19856727 A1 20000615; EP 1137750 A1 20011004; US 6660706 B1 20031209; WO 0034425 A1 20000615

DOCDB simple family (application)
DE 19856727 A 19981209; EP 9909286 W 19991130; EP 99962184 A 19991130; US 85791601 A 20011002