

Title (en)
CATIONIC DETERGENT COMPOUNDS

Title (de)
KATIONISCHE WASCHMITTEL

Title (fr)
COMPOSES DETERGENTS CATIONIQUES

Publication
EP 1021501 A1 20000726 (EN)

Application
EP 97908765 A 19970226

Priority
• GB 9604628 A 19960305
• US 9703111 W 19970226

Abstract (en)
[origin: CA2247829A1] There is provided a cationic ester surfactant comprising at least one ester linkage and at least one cationically charged group characterized in that said cationically charged group is an ammonium group substituted by at least one hydroxyalkyl group. Surfactant systems and detergent compositions suitable for use in laundry and dishwashing methods containing the cationic ester surfactants are also provided.

IPC 1-7
C07C 219/06; C11D 1/62; C11D 1/86; C11D 3/02; C11D 1/65

IPC 8 full level
C07C 219/06 (2006.01); **C11D 1/62** (2006.01); **C11D 1/86** (2006.01); **C11D 3/02** (2006.01); **C11D 1/14** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP)
C07C 219/06 (2013.01); **C11D 1/62** (2013.01); **C11D 1/86** (2013.01); **C11D 3/044** (2013.01); **C11D 1/146** (2013.01); **C11D 1/72** (2013.01)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
GB 2310851 A 19970910; **GB 9604628 D0 19960501**; AR 006113 A1 19990811; BR 9707924 A 19990727; CA 2247829 A1 19970912; CN 1217741 A 19990526; EP 1021501 A1 20000726; EP 1021501 A4 20040506; JP H11506160 A 19990602; WO 9732955 A1 19970912

DOCDB simple family (application)
GB 9604628 A 19960305; AR P970100881 A 19970305; BR 9707924 A 19970226; CA 2247829 A 19970226; CN 97194382 A 19970226; EP 97908765 A 19970226; JP 53183697 A 19970226; US 9703111 W 19970226