

Title (en)

NON-AQUEOUS LIQUID DETERGENT COMPOSITIONS CONTAINING ENZYME PARTICLES

Title (de)

NICHTWÄSSERIGE, ENZYMPARTIKELENTHALTENDE FLÜSSIGWÄSCHMITTEL

Title (fr)

COMPOSITIONS DETERGENTES LIQUIDES NON AQUEUSES CONTENANT DES PARTICULES ENZYMATIQUES

Publication

EP 0993507 A1 20000419 (EN)

Application

EP 98932853 A 19980625

Priority

- US 9813187 W 19980625
- US 5116297 P 19970627

Abstract (en)

[origin: WO9900478A1] A non-aqueous liquid detergent composition comprising a bleaching agent and/or bleach precursor, one or more of an enzyme particle, characterized in that said detergent composition further comprises ethylenediamine-N, N'-disuccinic acid, or alkali metal, alkaline earth, ammonium or substituted ammonium salts thereof, or mixtures thereof.

IPC 1-7

C11D 17/00; C11D 3/386; C11D 3/33; C11D 3/39

IPC 8 full level

C11D 3/33 (2006.01); C11D 3/34 (2006.01); C11D 3/386 (2006.01); C11D 3/39 (2006.01); C11D 17/00 (2006.01); C11D 17/08 (2006.01)

CPC (source: EP)

C11D 3/33 (2013.01); C11D 3/38618 (2013.01); C11D 3/38627 (2013.01); C11D 3/38645 (2013.01); C11D 3/38654 (2013.01); C11D 3/3915 (2013.01); C11D 3/3942 (2013.01); C11D 17/0004 (2013.01)

Citation (search report)

See references of WO 9900478A1

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)

WO 9900478 A1 19990107; AR 016104 A1 20010620; BR 9810635 A 20001003; CA 2295233 A1 19990107; CN 1268170 A 20000927; EP 0993507 A1 20000419; JP 2002507230 A 20020305

DOCDB simple family (application)

US 9813187 W 19980625; AR P980103113 A 19980626; BR 9810635 A 19980625; CA 2295233 A 19980625; CN 98808555 A 19980625; EP 98932853 A 19980625; JP 50570599 A 19980625