

Title (en)
DETERGENT COMPOSITIONS COMPRISING PECTOLYASE

Title (de)
WASCHMITTELZUSAMMENSETZUNGEN ENTHALTEND PECTOLYASE

Title (fr)
COMPOSITIONS DETERGENTES CONTENANT UNE PECTOLYASE

Publication
EP 0934387 A1 19990811 (EN)

Application
EP 96929669 A 19960809

Priority
US 9612959 W 19960809

Abstract (en)
[origin: WO9806805A1] The present invention relates to detergent compositions, including dishwashing, hard surface cleaning and laundry compositions containing a pectolyase - especially an alkaline pectolyase - enzyme for significant overall cleaning performance and stain/soil removal benefits and in particular improved removal of body, plant, dried-on fruit and vegetable juice soils/stains.

IPC 1-7
C11D 3/386

IPC 8 full level
C12N 9/00 (2006.01); **C11D 3/386** (2006.01); **C11D 3/39** (2006.01)

IPC 8 main group level
C11D (2006.01)

CPC (source: EP)
C11D 3/38636 (2013.01); **C11D 3/3932** (2013.01)

Citation (search report)
See references of WO 9806805A1

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 9806805 A1 19980219; AR 009023 A1 20000308; AU 6896596 A 19980306; BR 9612799 A 20001031; CA 2267532 A1 19980219;
EP 0934387 A1 19990811; HU P0000507 A2 20000828; HU P0000507 A3 20011128; IL 128394 A0 20000131; JP 2000513040 A 20001003;
NO 990580 D0 19990208; NO 990580 L 19990409

DOCDB simple family (application)
US 9612959 W 19960809; AR P970103599 A 19970808; AU 6896596 A 19960809; BR 9612799 A 19960809; CA 2267532 A 19960809;
EP 96929669 A 19960809; HU P0000507 A 19960809; IL 12839496 A 19960809; JP 50964798 A 19960809; NO 990580 A 19990208