

Title (en)
ENZYMATIC WASHING AGENT

Title (de)
ENZYMATISCHES WASCHMITTEL

Title (fr)
AGENT DE LAVAGE ENZYMATIQUE

Publication
EP 0694060 A1 19960131 (DE)

Application
EP 94913117 A 19940405

Priority

- DE 4312010 A 19930413
- EP 9401049 W 19940405

Abstract (en)
[origin: WO9424258A1] The aim of the invention is to provide a washing agent which is based on enzymes alone and avoids, as far as possible, other usual washing-agent components, and which has a washing power at least equal to that of ordinary washing agents with an optimized composition. The enzymatic washing agent according to the invention contains protease, lipase, amylase and cellulase plus, optionally, small quantities of surfactants and/or builders. Washing agents with this kind of composition can be used as stand-alone washing agents or as washing auxiliaries in addition to ordinary washing agents.

IPC 1-7
C11D 3/386

IPC 8 full level
C11D 3/386 (2006.01)

CPC (source: EP)
C11D 3/38627 (2013.01); **C11D 3/38645** (2013.01); **C11D 3/38672** (2013.01)

Citation (search report)
See references of WO 9424258A1

Designated contracting state (EPC)
AT BE CH DE ES FR IT LI NL

DOCDB simple family (publication)
WO 9424258 A1 19941027; AT E161284 T1 19980115; DE 4312010 A1 19941020; DE 59404831 D1 19980129; EP 0694060 A1 19960131;
EP 0694060 B1 19971217; ES 2110744 T3 19980216; JP H08508775 A 19960917

DOCDB simple family (application)
EP 9401049 W 19940405; AT 94913117 T 19940405; DE 4312010 A 19930413; DE 59404831 T 19940405; EP 94913117 A 19940405;
ES 94913117 T 19940405; JP 52269394 A 19940405