

Title (en)

BLEACHING COMPOUNDS COMPRISING PEROXYACID ACTIVATORS USED WITH ENZYMES

Title (de)

BLEICHMITTEL ZUSAMMENSETZUNGEN ENTHALTEN PEROXYSÄURENAKTIVATOREN ZUSAMMEN MIT ENZYMEN

Title (fr)

COMPOSES DE BLANCHIMENT COMPRENANT DES ADJUVANTS AU PEROXYACIDE UTILISES AVEC DES ENZYMES

Publication

EP 0699230 A1 19960306 (EN)

Application

EP 94916771 A 19940512

Priority

- US 9405372 W 19940512
- US 6456393 A 19930520
- US 13369193 A 19931007
- US 15131693 A 19931112
- US 19632294 A 19940215

Abstract (en)

[origin: WO9428106A1] The present invention relates to laundry detergent compositions comprising conventional detergent ingredients, bleaching systems with one or more bleach activators, and one or more types of detergic enzymes. Preferred bleaching activators are amido-derived bleach activators and/or N-acyl caprolactam bleach activators. The invention also relates to methods of using the detergent compositions.

IPC 1-7

C11D 3/39; C11D 3/386

IPC 8 full level

D06L 3/02 (2006.01); **C11D 3/386** (2006.01); **C11D 3/39** (2006.01)

CPC (source: EP)

C11D 3/386 (2013.01); **C11D 3/38627** (2013.01); **C11D 3/38645** (2013.01); **C11D 3/3917** (2013.01); **C11D 3/392** (2013.01); **C11D 3/3945** (2013.01)

Citation (search report)

See references of WO 9428106A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

WO 9428106 A1 19941208; AT E170552 T1 19980915; AU 6833594 A 19941220; BR 9406531 A 19960102; CA 2161212 A1 19941208; CN 1086734 C 20020626; CN 1124036 A 19960605; CZ 305995 A3 19960515; DE 69413028 D1 19981008; DE 69413028 T2 19990506; EP 0699230 A1 19960306; EP 0699230 B1 19980902; ES 2120047 T3 19981016; HU 9503301 D0 19960129; HU T73731 A 19960930; JP H08510780 A 19961112; MA 23200 A1 19941231; PE 56994 A1 19950201

DOCDB simple family (application)

US 9405372 W 19940512; AT 94916771 T 19940512; AU 6833594 A 19940512; BR 9406531 A 19940512; CA 2161212 A 19940512; CN 94192168 A 19940512; CZ 305995 A 19940512; DE 69413028 T 19940512; EP 94916771 A 19940512; ES 94916771 T 19940512; HU 9503301 A 19940512; JP 50072195 A 19940512; MA 23510 A 19940519; PE 24283794 A 19940520