

Title (en)

DETERGENTS DELIVERING A STRONGER ORGANIC PEROXYACID BLEACH TO A WASH FIRST FOLLOWED BY DELIVERING A WEAKER PEROXYACID

Title (de)

WASCHMITTEL, DIE ZUERST SCHWÄCHERES UND ANSCHLIESSEND STÄRKERES PEROXOCARBONNSÄURE BLEICHMITTEL FREISETZEN

Title (fr)

DETERGENTS LIBERANT DANS UNE SOLUTION DE LAVAGE UN AGENT DE BLANCHIMENT AU PEROXYACIDE FAIBLE IMMEDIATEMENT SUIVI PAR LA LIBERATION D'UN PEROXYACIDE FORT

Publication

EP 0861315 B1 20040804 (EN)

Application

EP 96936561 A 19961015

Priority

- GB 9520921 A 19951012
- US 9616566 W 19961015

Abstract (en)

[origin: WO9713835A1] There is provided a detergent composition containing an organic peroxyacid bleaching system capable of releasing a plurality of organic peroxyacids of different strength to a wash solution. A means is provided for delaying the release of a stronger organic peroxyacid relative to the release of a weaker organic peroxyacid. The detergent composition provides bleachable soil/stain removal capability when employed in laundry or dishwashing methods.

IPC 1-7

C11D 3/39; C11D 3/395; C11D 17/06; D06L 3/02; D06L 3/16

IPC 8 full level

C11D 3/39 (2006.01)

CPC (source: EP)

C11D 3/3907 (2013.01); **C11D 3/3945** (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)

WO 9713835 A1 19970417; AT E272703 T1 20040815; BR 9610927 A 19990217; DE 69633060 D1 20040909; DE 69633060 T2 20050811; EP 0861315 A1 19980902; EP 0861315 A4 20000119; EP 0861315 B1 20040804; ES 2225891 T3 20050316; GB 9520921 D0 19951213

DOCDB simple family (application)

US 9616566 W 19961015; AT 96936561 T 19961015; BR 9610927 A 19961015; DE 69633060 T 19961015; EP 96936561 A 19961015; ES 96936561 T 19961015; GB 9520921 A 19951012