

Title (en)
FORMULATION COMPONENTS RESISTANT TOWARDS DECOMPOSITION BY AROMATIZATION, COMPOSITIONS AND LAUNDRY METHODS EMPLOYING SAME

Title (de)
GEGEN ZERSETZUNG DURCH AROMATISIERUNG RESISTENTE SUBSTANZEN , ZUSAMMENSETZUNGEN UND WASCHVERFAHREN ZU DEREN VERWENDUNG

Title (fr)
COMPOSANTS RESISTANT A LA DECOMPOSITION PAR AROMATISATION, ET COMPOSITIONS ET PROCEDES DE NETTOYAGE ASSOCIES

Publication
EP 1206515 B1 20060412 (EN)

Application
EP 00957786 A 20000825

Priority
• US 0023315 W 20000825
• US 15117599 P 19990827

Abstract (en)
[origin: WO0116273A1] Bleach boosting compounds selected from the group consisting of bleach boosters comprising quaternary imine cations, zwitterions, polyions having a net charge of from about +3 to about -3 and mixtures thereof, bleaching species comprising oxaziridinium cations, zwitterions, polyions having a net charge of from about +3 to about -3 and mixtures thereof, and mixtures thereof are disclosed. The bleach boosting compounds increase bleaching effectiveness even in lower temperature solutions and provide improved stability toward unwanted bleach boosting compound decomposition. The bleach boosting compounds are ideally suited for inclusion into bleaching compositions including those with deterative surfactants and enzymes. Also provided is a method for laundering a fabric employing the bleach boosting compounds, and a laundry additive product employing the bleach boosting compounds.

IPC 8 full level
C11D 3/39 (2006.01); **D06L 3/02** (2006.01); **C11D 3/28** (2006.01); **C11D 3/395** (2006.01); **C11D 11/00** (2006.01)

CPC (source: EP)
C11D 3/3927 (2013.01); **C11D 2111/12** (2024.01)

Cited by
WO2019217950A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0116273 A1 20010308; AR 027845 A1 20030416; AT E323147 T1 20060415; AU 6935400 A 20010326; AU 771521 B2 20040325; BR 0014149 A 20020514; BR 0014149 B1 20110222; CA 2381888 A1 20010308; CA 2381888 C 20080415; CN 1250692 C 20060412; CN 1384865 A 20021211; CZ 2002688 A3 20020911; DE 60027307 D1 20060524; DE 60027307 T2 20070315; EP 1206515 A1 20020522; EP 1206515 B1 20060412; ES 2262534 T3 20061201; JP 2003508584 A 20030304; MA 25605 A1 20021231; MX PA02002127 A 20020918; TR 200200459 T2 20020621

DOCDB simple family (application)
US 0023315 W 20000825; AR P000104454 A 20000828; AT 00957786 T 20000825; AU 6935400 A 20000825; BR 0014149 A 20000825; CA 2381888 A 20000825; CN 00814987 A 20000825; CZ 2002688 A 20000825; DE 60027307 T 20000825; EP 00957786 A 20000825; ES 00957786 T 20000825; JP 2001520821 A 20000825; MA 26535 A 20020227; MX PA02002127 A 20000825; TR 200200459 T 20000825