

Title (en)

STABLE FORMULATION COMPONENTS, COMPOSITIONS AND LAUNDRY METHODS EMPLOYING SAME

Title (de)

STABILE SUBSTANZEN, ZUSAMMENSETZUNGEN UND WASCHVERFAHREN ZU DEREN VERWENDUNG

Title (fr)

COMPOSANTS DE FORMULATIONS STABLES, COMPOSITIONS ET PROCEDES DE NETTOYAGE CES COMPOSANTS

Publication

EP 1206519 B1 20051130 (EN)

Application

EP 00959387 A 20000825

Priority

- US 0023317 W 20000825
- US 15117699 P 19990827

Abstract (en)

[origin: WO0116274A1] The present invention relates to formulation components, such as organic catalyst compounds having increased stability, compositions and laundry methods employing such organic catalyst compounds. More particularly, this invention relates to organic catalysts compounds such as quaternary imine bleach boosting compounds, quaternary oxaziridinium bleaching species, modified amines and amine oxides, compositions and laundry methods employing such organic catalyst compounds.

IPC 1-7

C11D 3/39; **C11D 1/02**

IPC 8 full level

D06L 3/02 (2006.01); **C11D 3/26** (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **C11D 11/00** (2006.01)

CPC (source: EP)

C11D 3/3917 (2013.01); **C11D 3/392** (2013.01); **C11D 2111/12** (2024.01)

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 0116274 A1 20010308; **WO 0116274 A9 20070614**; AR 027846 A1 20030416; AT E311432 T1 20051215; AU 7072100 A 20010326; BR 0014151 A 20020507; CA 2382023 A1 20010308; CN 1384868 A 20021211; CZ 2002722 A3 20021016; DE 60024463 D1 20060105; DE 60024463 T2 20060817; EG 22867 A 20030930; EP 1206519 A1 20020522; EP 1206519 B1 20051130; ES 2252054 T3 20060516; JP 2003508585 A 20030304; MA 25602 A1 20021231; MX PA02002128 A 20020902; TR 200200471 T2 20020521

DOCDB simple family (application)

US 0023317 W 20000825; AR P000104455 A 20000828; AT 00959387 T 20000825; AU 7072100 A 20000825; BR 0014151 A 20000825; CA 2382023 A 20000825; CN 00814999 A 20000825; CZ 2002722 A 20000825; DE 60024463 T 20000825; EG 20001108 A 20000827; EP 00959387 A 20000825; ES 00959387 T 20000825; JP 2001520822 A 20000825; MA 26531 A 20020227; MX PA02002128 A 20000825; TR 200200471 T 20000825