

Title (en)
ORGANIC CATALYST WITH ENHANCED ENZYME COMPATIBILITY

Title (de)
ORGANISCHER KATALYSATOR MIT ERHÖHTER ENZYMVERTRÄGLICHKEIT

Title (fr)
CATALYSEUR ORGANIQUE AVEC COMPATIBILITÉ ENZYMATIQUE AMÉLIORÉE

Publication
EP 1891195 B1 20121017 (EN)

Application
EP 05760718 A 20050617

Priority
US 2005021429 W 20050617

Abstract (en)
[origin: WO2007001262A1] This invention relates to cleaning compositions comprising organic catalysts having enhanced enzyme compatibility and processes for making and using such cleaning compositions. The catalysts are zwitterionic sulfate derivatives of 3,4-dihydroisoquinoline.

IPC 8 full level
C11D 3/39 (2006.01); **C11D 1/88** (2006.01); **C11D 3/386** (2006.01); **D06L 4/40** (2017.01)

CPC (source: EP)
C11D 3/392 (2013.01); **C11D 7/3281** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007001262 A1 20070104; BR PI0520369 A2 20090505; CA 2610018 A1 20070104; CA 2610018 C 20110920; CN 101203590 A 20080618; CN 101203590 B 20110126; EP 1891195 A1 20080227; EP 1891195 B1 20121017; ES 2397718 T3 20130311; JP 2008546863 A 20081225; JP 4837733 B2 20111214; MX 2007016309 A 20080307; PL 1891195 T3 20130329

DOCDB simple family (application)
US 2005021429 W 20050617; BR PI0520369 A 20050617; CA 2610018 A 20050617; CN 200580050172 A 20050617; EP 05760718 A 20050617; ES 05760718 T 20050617; JP 2008516806 A 20050617; MX 2007016309 A 20050617; PL 05760718 T 20050617