Title (en)

CLEANING COMPOSITIONS COMPRISING AN OXIDOREDUCTASE

Title (de)

OXIDOREDUCTASE ENTHALTENDE REINIGUNGSZUSAMMENSETZUNGEN

Title (fr)

COMPOSITIONS DE LAVAGE/NETTOYAGE CONTENANT UNE OXYDOREDUCTASE

Publication

EP 1002041 A1 20000524 (EN)

Application

EP 97933515 A 19970709

Priority

US 9712445 W 19970709

Abstract (en)

[origin: WO9902640A1] The present invention relates to cleaning compositions, including laundry, dishwashing, hard surface cleaner, oral/dental cleaning compositions, comprising an oxidoreductase with an alpha / beta -hydrolase fold and a catalytic triad consisting of the amino acid residues serine, histidine and aspartic acid, which provide effective and efficient cleaning of coloured and/or everyday body stains and/or soils and the sanitisation of the treated surface.

IPC 1-7

C11D 3/386; C11D 3/20; C11D 3/39

IPC 8 full level

A61K 8/66 (2006.01); **A61K 8/00** (2006.01); **A61K 8/22** (2006.01); **A61K 8/36** (2006.01); **A61K 8/41** (2006.01); **A61K 8/44** (2006.01); **A61K 8/46** (2006.01); **A61K 8/58** (2006.01); **A61Q 11/00** (2006.01); **A61Q 11/02** (2006.01); **C11D 3/20** (2006.01); **C11D 3/386** (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **D06M 16/00** (2006.01)

CPC (source: EP)

C11D 3/2075 (2013.01); **C11D 3/2079** (2013.01); **C11D 3/38654** (2013.01); **C11D 3/3947** (2013.01)

Citation (search report)

See references of WO 9902640A1

Cited by

DE102004029475A1

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 9902640 A1 19990121; AR 013193 A1 20001213; AT 233806 T 20030315; AU 3668297 A 19990208; CA 2295953 A1 19990121; DE 69719568 D1 20030410; DE 69719568 T2 20031224; EP 1002041 A1 20000524; EP 1002041 B1 20030305; JP 2001509539 A 20010724

DOCDB simple family (application)

US 9712445 W 19970709; AR P980103309 A 19980708; AT 97933515 T 19970709; AU 3668297 A 19970709; CA 2295953 A 19970709; DE 69719568 T 19970709; EP 97933515 A 19970709; JP 2000502142 A 19970709