

Title (en)
WASHING AGENT HAVING STABILIZED ENZYMES

Title (de)
WASCHMITTEL MIT STABILISIERTEN ENZYMEN

Title (fr)
DÉTHERGENTS CONTENANT DES ENZYMES STABILISÉES

Publication
EP 2220204 B1 20131225 (DE)

Application
EP 08853177 A 20081124

Priority
• EP 2008066084 W 20081124
• DE 102007057583 A 20071128

Abstract (en)
[origin: WO2009068501A1] The present application relates to washing and cleaning agents, containing phosphate compounds having aliphatic and/or aromatic residues, which act as enzyme stabilizers. Further objects are the use of such compounds as reversible inhibitors of enzymes, in particular proteolytic enzymes, and thus as stabilizers in washing or cleaning agents, and further methods and uses related thereto.

IPC 8 full level
C11D 3/36 (2006.01); **C11D 3/386** (2006.01)

CPC (source: EP US)
C11D 3/362 (2013.01 - EP US); **C11D 3/386** (2013.01 - EP US); **C11D 3/38663** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102007057583 A1 20090604; EP 2220204 A1 20100825; EP 2220204 B1 20131225; US 2010227789 A1 20100909;
US 8466098 B2 20130618; WO 2009068501 A1 20090604

DOCDB simple family (application)
DE 102007057583 A 20071128; EP 08853177 A 20081124; EP 2008066084 W 20081124; US 78399010 A 20100520