

Title (en)
DETERGENT FOR USE IN APPLIANCES

Title (de)
MASCHINELLES REINIGUNGSMITTEL

Title (fr)
DÉTERGENTS POUR MACHINES

Publication
EP 2446012 A1 20120502 (DE)

Application
EP 10727406 A 20100623

Priority
• EP 2010058902 W 20100623
• DE 102009027162 A 20090624

Abstract (en)
[origin: WO2010149697A1] Disclosed are liquid alkaline detergent preparations which are to be dosed automatically when washing dishes in a dishwasher and comprise a) 15 to 60 percent by weight of builder, b) 30 to 80 percent by weight of water, and c) less than 5 percent by weight of surfactant. Because of their thermal stability, said detergent preparations are particularly suitable for carrying out automatic dosing processes when washing dishes in a dishwasher and washing fabrics in a washing machine. Furthermore, said detergent preparations are characterized by a significantly improved cleaning power compared with conventional methods.

IPC 8 full level
C11D 7/12 (2006.01); **C11D 3/37** (2006.01); **C11D 7/06** (2006.01); **C11D 7/14** (2006.01); **C11D 7/16** (2006.01); **C11D 7/26** (2006.01); **C11D 7/32** (2006.01); **C11D 7/36** (2006.01); **C11D 11/00** (2006.01); **C11D 17/00** (2006.01); **C11D 17/04** (2006.01)

CPC (source: EP US)
C11D 3/3765 (2013.01 - EP US); **C11D 7/06** (2013.01 - EP US); **C11D 7/12** (2013.01 - EP US); **C11D 7/265** (2013.01 - EP US); **C11D 7/3245** (2013.01 - EP US); **C11D 7/36** (2013.01 - EP US); **C11D 17/041** (2013.01 - EP US); **C11D 2111/14** (2024.01 - EP US)

Citation (search report)
See references of WO 2010149697A1

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

DOCDB simple family (publication)
DE 102009027162 A1 20101230; EP 2446012 A1 20120502; EP 2446012 B1 20170809; ES 2642187 T3 20171115; HU E034543 T2 20180228; PL 2446012 T3 20180131; US 2012088709 A1 20120412; WO 2010149697 A1 20101229

DOCDB simple family (application)
DE 102009027162 A 20090624; EP 10727406 A 20100623; EP 2010058902 W 20100623; ES 10727406 T 20100623; HU E10727406 A 20100623; PL 10727406 T 20100623; US 201113329399 A 20111219