

Title (en)

MACHINE DISHWASH DETERGENT COMPOSITIONS

Title (de)

GESCHIRRSPÜLMITTELZUSAMMENSETZUNGEN FÜR SPÜLMASCHINEN

Title (fr)

COMPOSITIONS DE DÉTERGENT POUR MACHINE À LAVER LA VAISSELLE

Publication

EP 2245129 A1 20101103 (EN)

Application

EP 09704804 A 20090120

Priority

- EP 2009050575 W 20090120
- EP 08150614 A 20080124
- EP 09704804 A 20090120

Abstract (en)

[origin: WO2009092699A1] The present invention provides a machine dishwash detergent composition, which is substantially free of phosphate, and comprises an amino polycarboxylic compound selected from methylglycine diacetic acid (MGDA) and iminodiacetic acid (IDS), in an amount of at least 25 wt%, preferably between 25 and 70 wt%, and a bleaching agent comprising percarbonate, the amount of percarbonate being in the range of 3 to 12 wt% based on total weight of the composition. Preferably, the composition comprises MGDA, and 2 to 7 wt% silicates.

IPC 8 full level

C11D 3/33 (2006.01); **C11D 3/39** (2006.01)

CPC (source: EP)

C11D 3/33 (2013.01); **C11D 3/3942** (2013.01)

Cited by

CN105143424A; US2022251485A1; CN111788293A; WO2019162138A1; WO2021170427A1

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2009092699 A1 20090730; AT E557079 T1 20120515; BR PI0906743 A2 20150707; EA 201001199 A1 20110228; EP 2245129 A1 20101103; EP 2245129 B1 20120509; PL 2245129 T3 20121031; PT 2245129 E 20120730; UA 103760 C2 20131125

DOCDB simple family (application)

EP 2009050575 W 20090120; AT 09704804 T 20090120; BR PI0906743 A 20090120; EA 201001199 A 20090120; EP 09704804 A 20090120; PL 09704804 T 20090120; PT 09704804 T 20090120; UA A201010279 A 20090120