

Title (en)

AUTOMATIC DISHWASHING DETERGENT COMPOSITION PROTECTING COLOUR

Title (de)

FARBSCHÜTZENDES MASCHINELLES GESCHIRRSPÜLMITTEL

Title (fr)

COMPOSITION DÉTERGENTE POUR LAVE-VAISSELLE PROTÉGANT LES COULEURS

Publication

EP 2376615 B1 20170104 (DE)

Application

EP 09748772 A 20091104

Priority

- EP 2009064571 W 20091104
- DE 102009004524 A 20090109

Abstract (en)

[origin: WO2010078979A1] With dishwashers, discolorations can occur on plastic materials, resulting from food residue of color-intensive foods such as curry, paprika, tomatoes, red cabbage, ketchup or carrots that are introduced into the dishwasher with the dishes to be cleaned. The occurrence of said discolorations was to be reduced. This was substantially achieved by the use of porous polyamide particles and/or synthetic layered silicates.

IPC 8 full level

C11D 3/12 (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)

C11D 3/0021 (2013.01); **C11D 3/1253** (2013.01); **C11D 3/3719** (2013.01)

Citation (examination)

WO 2009100962 A1 20090820 - HENKEL AG & CO KGAA [DE], et al

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 SM TR

DOCDB simple family (publication)

WO 2010078979 A1 20100715; DE 102009004524 A1 20100715; EP 2376615 A1 20111019; EP 2376615 B1 20170104

DOCDB simple family (application)

EP 2009064571 W 20091104; DE 102009004524 A 20090109; EP 09748772 A 20091104