

Title (en)

MULTI-PHASE PRE-PORTIONED DETERGENT

Title (de)

MEHRPHASIGES VORPORTIONIERTES REINIGUNGSMITTEL

Title (fr)

DÉTERGENTS POLYPHASIQUES PRÉPORTIONNÉS

Publication

EP 3102660 B1 20181219 (DE)

Application

EP 15702291 A 20150204

Priority

- DE 102014202222 A 20140206
- EP 2015052298 W 20150204

Abstract (en)

[origin: WO2015118010A1] The present invention relates to pre-portioned, multi-phase detergents, more particularly dishwasher detergents, and to the use thereof. The detergents contain at least one solid phase and at least one liquid phase, the detergent containing 0.5 to 30 wt.% of (co)polymeric carboxylates and/or polymers containing sulphonic acid groups and the solid phase containing less than 10 wt.% (relative to the solid phase) of these polymers.

IPC 8 full level

C11D 3/37 (2006.01); **C11D 11/00** (2006.01); **C11D 17/04** (2006.01)

CPC (source: EP)

C11D 3/3765 (2013.01); **C11D 3/378** (2013.01); **C11D 17/045** (2013.01); **C11D 2111/14** (2024.01)

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 RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102014202222 A1 20150806; EP 3102660 A1 20161214; EP 3102660 B1 20181219; PL 3102660 T3 20190731; WO 2015118010 A1 20150813

DOCDB simple family (application)

DE 102014202222 A 20140206; EP 15702291 A 20150204; EP 2015052298 W 20150204; PL 15702291 T 20150204