

Title (en)

WASHING OR CLEANING DETERGENT COMPOUNDS AND PRODUCTION THEREOF

Title (de)

WASCH- ODER REINIGUNGSMITTELCOMPOUNDS UND DEREN HERSTELLUNG

Title (fr)

COMPOSITIONS DE LESSIVE OU DE DÉTERGENT ET LEUR FABRICATION

Publication

EP 2207871 A2 20100721 (DE)

Application

EP 08842723 A 20081007

Priority

- EP 2008063380 W 20081007
- DE 102007051093 A 20071024

Abstract (en)

[origin: WO2009053239A2] The invention relates to a method wherein an active substance preparation that is liquid or pasty at 0 to 100 °C is granulated by mixing a solid in a fluid bed granulator. Said solid contains one or more carrier materials selected from the group amorphous aluminosilicates, clays, silicic acids, alkaline earth metal silicates, alkaline earth metal carbonates, thus enabling washing or cleaning detergent compounds to be produced, said compounds having a core and at least two shells, containing at least 30 % in weight of one or more active substances selected from the list of non-ionic surfactants, anionic surfactants, cationic surfactants, optical brightening agents, phosphonates, bleach activators, polymers and foam inhibitors.

IPC 8 full level

C11D 3/10 (2006.01); **C11D 3/08** (2006.01); **C11D 3/12** (2006.01); **C11D 7/00** (2006.01); **C11D 11/00** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)

C11D 3/08 (2013.01); **C11D 3/10** (2013.01); **C11D 3/1233** (2013.01); **C11D 3/124** (2013.01); **C11D 3/128** (2013.01); **C11D 11/0088** (2013.01); **C11D 17/0039** (2013.01)

Citation (search report)

See references of WO 2009053239A2

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 102007051093 A1 20090430; EP 2207871 A2 20100721; EP 2207871 B1 20131120; ES 2440269 T3 20140128; PL 2207871 T3 20140530; WO 2009053239 A2 20090430; WO 2009053239 A3 20090702

DOCDB simple family (application)

DE 102007051093 A 20071024; EP 08842723 A 20081007; EP 2008063380 W 20081007; ES 08842723 T 20081007; PL 08842723 T 20081007