

Title (en)

GRANULAR WASHING, CLEANING OR TREATMENT AGENT ADDITIVE

Title (de)

GRANULARES WASCH-, REINIGUNGS- ODER BEHANDLUNGSMITTELADDITIV

Title (fr)

ADDITIF GRANULAIRE POUR PRODUIT LAVANT, PRODUIT NETTOYANT OU PRODUIT DE TRAITEMENT

Publication

EP 2419499 B1 20170301 (DE)

Application

EP 10712074 A 20100331

Priority

- EP 2010054318 W 20100331
- DE 102009002384 A 20090415

Abstract (en)

[origin: WO2010118959A1] A granular washing, cleaning or treatment agent additive, comprising 5 to 90 wt % of a particulate carrier material having an oil absorption capacity of at least 100 ml/100 g and 10 to 80 wt % of capsules in which one or more beneficial agents are enclosed, can be produced in that the particulate carrier material is fluidized, a pourable capsule preparation is applied to the carrier material, and the mixture thus obtained is granulated.

IPC 8 full level

C11D 3/08 (2006.01); **C11D 3/10** (2006.01); **C11D 3/12** (2006.01); **C11D 3/37** (2006.01); **C11D 3/50** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP US)

C11D 3/1246 (2013.01 - EP US); **C11D 3/3726** (2013.01 - EP US); **C11D 3/505** (2013.01 - EP US); **C11D 17/0039** (2013.01 - EP US)

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)

DE 102009002384 A1 20101021; EP 2419499 A1 20120222; EP 2419499 B1 20170301; ES 2625489 T3 20170719; HU E032296 T2 20170928; PL 2419499 T3 20170831; US 2012034283 A1 20120209; US 2013017987 A1 20130117; US 9334468 B2 20160510; WO 2010118959 A1 20101021

DOCDB simple family (application)

DE 102009002384 A 20090415; EP 10712074 A 20100331; EP 2010054318 W 20100331; ES 10712074 T 20100331; HU E10712074 A 20100331; PL 10712074 T 20100331; US 201113273062 A 20111013; US 201213622523 A 20120919