

Title (en)
PARTICULATE DETERGENT ADDITIVE

Title (de)
WASCH- UND REINIGUNGSMITTELADDITIV IN PARTIKELFORM

Title (fr)
ADDITIF DE DETERGENTS SE PRESENTANT SOUS FORME DE PARTICULES

Publication
EP 2291504 A1 20110309 (DE)

Application
EP 09772258 A 20090605

Priority
• EP 2009056906 W 20090605
• DE 102008031212 A 20080703

Abstract (en)
[origin: WO2010000558A1] A description is given of laundry-detergent and cleaning-product additives in particle form, comprising a water-soluble or water-dispersible carrier and also active ingredient microcapsules. These particles allow the user to obtain particular advantages in respect of the fragrancing and the care of the articles to be treated in the course of conventional laundering and cleaning operations, such as, in particular, in the context of automatic laundering of fabrics.

IPC 8 full level
C11D 3/22 (2006.01); **C11D 3/50** (2006.01); **C11D 11/00** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP US)
C11D 3/221 (2013.01 - EP US); **C11D 3/505** (2013.01 - EP US); **C11D 11/0082** (2013.01 - EP US); **C11D 17/0039** (2013.01 - EP US)

Citation (search report)
See references of WO 2010000558A1

Cited by
CN103966032A; US9545460B2; US9347022B1; US11441106B2

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)
DE 102008031212 A1 20100107; EP 2291504 A1 20110309; EP 2291504 B1 20121114; ES 2396926 T3 20130301; PL 2291504 T3 20130430; US 2011097369 A1 20110428; WO 2010000558 A1 20100107

DOCDB simple family (application)
DE 102008031212 A 20080703; EP 09772258 A 20090605; EP 2009056906 W 20090605; ES 09772258 T 20090605; PL 09772258 T 20090605; US 98334411 A 20110103