Title (en)
MICROCAPSULE CONTAINING DETERGENT OR CLEANING AGENT

Title (de)
MIKROKAPSELHALTIGES WASCH- ODER REINIGUNGSMITTEL

Title (fr)
DÉTERGENTS OU PRODUITS DE NETTOYAGE CONTENANT DES MICROCAPSULES

Publication
EP 2614134 B1 20171108 (DE)

Application
EP 11752566 A 20110909

Priority
• DE 102010040564 A 20100910
• EP 2011065618 W 20110909

Abstract (en)
[origin: WO2012032145A1] The invention relates to detergents or cleaning agents which comprise capsules that are low in formaldehydes and/ or free from formaldehyde, are storage stable and thus prevent a contamination of the detergent or cleaning agent with formaldehyde, comprising microcapsules, the capsule wall of which contains a resin which is obtained by reacting at least one aromatic alcohol or ether or derivative thereof and at least one aldehydic component which comprises at least two c-atoms per molecule, and optionally at least one (meth)acrylate-polymer, and builders and/or surfactants. Said detergent or cleaning agents enable, during application, a targeted and durable release of liquid active substances, such as, in particular scents, to the treated objects.

IPC 8 full level
C11D 3/37 (2006.01); **C11D 3/50** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP KR US)
C11D 3/00 (2013.01 - KR); **C11D 3/08** (2013.01 - KR); **C11D 3/2034** (2013.01 - KR); **C11D 3/37** (2013.01 - KR); **C11D 3/3715** (2013.01 - EP US); **C11D 3/3765** (2013.01 - EP US); **C11D 3/378** (2013.01 - EP US); **C11D 3/3788** (2013.01 - EP US); **C11D 3/50** (2013.01 - KR); **C11D 3/505** (2013.01 - EP US); **C11D 17/00** (2013.01 - KR); **C11D 17/0039** (2013.01 - EP US)

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 102010040564 A1 20120315; EP 2614134 A1 20130717; EP 2614134 B1 20171108; ES 2656533 T3 20180227; HU E038132 T2 20180928; KR 101778830 B1 20170914; KR 20130140662 A 20131224; PL 2614134 T3 20180430; US 2013203642 A1 20130808; US 8901064 B2 20141202; WO 2012032145 A1 20120315

DOCDB simple family (application)
DE 102010040564 A 20100910; EP 11752566 A 20110909; EP 2011065618 W 20110909; ES 11752566 T 20110909; HU E11752566 A 20110909; KR 20137009038 A 20110909; PL 11752566 T 20110909; US 201313789778 A 20130308