

Title (en)

WASHING AND CLEANING PRODUCTS COMPRISING IMMOBILIZED ACTIVE INGREDIENTS

Title (de)

WASCH- UND REINIGUNGSMITTEL MIT IMMOBILISIERTEN AKTIVEN INHALTSSTOFFEN

Title (fr)

AGENT DE LAVAGE ET DE NETTOYAGE COMPRENANT DES SUBSTANCES ACTIVES IMMOBILISEES

Publication

EP 1794277 B1 20121003 (DE)

Application

EP 05782788 A 20050825

Priority

- EP 2005009155 W 20050825
- DE 102004047097 A 20040929

Abstract (en)

[origin: WO2006034758A1] The invention relates to aqueous washing and cleaning products which include, in addition to other components, capsules, said capsules including one active ingredient each in a matrix. The active ingredient is effectively immobilized in a targeted manner by binding the active ingredient to a substrate, thereby preventing it from bleeding into the surrounding washing and cleaning composition.

IPC 8 full level

C11D 17/00 (2006.01); **C11D 3/386** (2006.01)

CPC (source: EP US)

C11D 3/38618 (2013.01 - EP US); **C11D 3/38672** (2013.01 - EP US); **C11D 17/0013** (2013.01 - EP US); **C11D 17/0039** (2013.01 - EP US)

Citation (examination)

KRAJEWSKA BARBARA: "Application of chitin- and chitosan-based materials for enzyme immobilizations: a review", ENZYME AND MICROBIAL TECHNOLOGY, STONEHAM, MA, US LNKD- DOI:10.1016/J.ENZMICTEC.2003.12.013, vol. 35, no. 2-3, 5 August 2004 (2004-08-05), pages 126 - 139, XP002444046, ISSN: 0141-0229

Cited by

DE102015120866A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102004047097 A1 20060406; EP 1794277 A1 20070613; EP 1794277 B1 20121003; EP 1794277 B2 20180321; ES 2393788 T3 20121228; ES 2393788 T5 20180509; JP 2008514768 A 20080508; PL 1794277 T3 20130329; PL 1794277 T5 20180928; US 2007256251 A1 20071108; WO 2006034758 A1 20060406

DOCDB simple family (application)

DE 102004047097 A 20040929; EP 05782788 A 20050825; EP 2005009155 W 20050825; ES 05782788 T 20050825; JP 2007533889 A 20050825; PL 05782788 T 20050825; US 66413905 A 20050825