Title (en)

STORAGE STABLE MULTI-MICROCAPSULES HAVING ADJUSTABLE SYNERGITICALLY ACTIVE FUNCTIONAL CONTENT COMPONENTS

Title (de)

LAGERSTABILE MULTI-MIKROKAPSELN MIT EINSTELLBAR SYNERGISTISCH WIRKSAMEN FUNKTIONELLEN INHALTSKOMPONENTEN

Title (fr)

MULTI-MICROCAPSULES STABLES AU STOCKAGE COMPORTANT DES COMPOSANTS FONCTIONNELS SYNERGIQUEMENT ACTIFS A LIBERATION CONTROLEE

Publication

EP 1722884 A1 20061122 (DE)

Application

EP 04714290 A 20040225

Priority

EP 2004001840 W 20040225

Abstract (en)

[origin: WO2005079968A1] The invention relates to novel multi-component micro capsule systems, wherein two and several functional substances and/or substance components are encapsulated in a spatially separated manner, such that during storage of said type of multi-capsule systems, interaction of the encapsulated components is prevented, but when said multi-capsules are administered, the different encapsulated functional substances/substance components are released in a targeted simultaneous or successive manner in relation to a point of release, a time of release and a rate of release, according to the field in which they are used. The inventive multi-micro-capsules act as a covering for several functional substances/substance components, provided with one and/or several material layers having defined mechanical, thermal and physicochemical and/or biochemical stability properties, which are optimised such that they are adapted to the conditions of use in relation to the desired interaction and release of the encapsulated substances/substance components.

IPC 8 full level

B01J 13/02 (2006.01); **A61K 9/48** (2006.01); **A61K 9/50** (2006.01)

CPC (source: EP)

A61K 9/4808 (2013.01); **B01J 13/02** (2013.01)

Citation (search report)

See references of WO 2005079968A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2005079968 A1 20050901; EP 1722884 A1 20061122

DOCDB simple family (application)

EP 2004001840 W 20040225; EP 04714290 A 20040225