

Title (en)

METHOD AND DEVICE FOR THE PRODUCTION OF STORAGE STABLE MULTI-MICRO-CAPSULES COMPRISING ADJUSTABLE SYNERGISTICALLY ACTIVE FUNCTIONAL CONTENT COMPONENTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON LAGERSTABILEN MULTI-MIKROKAPSELN MIT EINSTELLBAR SYNERGISTISCH WIRKSAMEN FUNKTIONELLEN INHALTSKOMPONENTEN

Title (fr)

PROCEDE ET DISPOSITIF POUR PRODUIRE DES MULTI-MICROCAPSULES STABLES AU STOCKAGE COMPORTANT DES COMPOSANTS FONCTIONNELS SYNERGIQUEMENT ACTIFS A LIBERATION CONTROLEE

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Application

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Priority

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Abstract (en)

[origin: WO2005079969A1] The invention relates to a method and to a device for the production of multi-componented capsule systems (= multi-microcapsule), wherein two or several functional substances/substance components are encapsulated in a spatially separated manner, such that during storage, interaction of the encapsulated components is prevented, but when said multi-capsules are administered, the encapsulated substances and/or substance components are released in a targeted simultaneous or successive manner, according to the field in which they are used, and optionally, the rate of release and synergistic interaction thereof is adjusted. The inventive method and/or associated device enable the multi-microcapsules, wherein several functional substances/substance components are surrounded by means of one and/or several material layers having defined mechanical, thermal and physico-chemical and/or biochemical stability properties, which are adapted to the conditions of use of the place of release of the encapsulated functional substances/substance components in addition to the kinetic release thereof and to synergistic interaction, to be received.

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