

Title (en)

MICROCAPSULES WITH MODIFIED RELEASE OF ACTIVE PRINCIPLES WITH LOW SOLUBILITY FOR ORAL DELIVERY

Title (de)

MIKROKAPSELN MIT GESTEUERTER VERABREICHUNG VON SCHWERLÖSLICHEN WIRKSTOFFEN ZUR ORALEN ANWENDUNG

Title (fr)

MICROCAPSULES A LIBERATION MODIFIEE DE PRINCIPES ACTIFS PEU SOLUBLES POUR ADMINISTRATION PER OS

Publication

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Application

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Priority

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- FR 0209530 A 20020726

Abstract (en)

[origin: WO2004010984A2] The invention concerns microcapsules for reliably modified release and adapted to industrial reproduction of an active principle hardly water-soluble, other than anti-hyperglycemia agents Each of said microcapsules comprises a core of hardly soluble active principle and a coating film applied on the core. Their mean diameter is less than 1000 microns. The coating film contains a film-forming polymer (P1) insoluble in gastrointestinal tract fluids, a water-soluble polymer (P2), a plasticizer (PL), and optionally a lubricating surfactant (TA). Said coating film represents at least 4 % p/p of dry matter of their total weight, and its components P1, P2, PL satisfy the following characteristics: dry weight mass fraction of P1 relative to the total coating weight ranging between 40 and 90 %; dry matter weight fraction of PL/P1+P2 ranging between 15 and 60 %; dry matter weight fraction of PL/P1+PL ranging between 1 and 30 %. The invention also concerns the uses of said microcapsules in galenic formulation.

IPC 1-7

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IPC 8 full level

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Citation (search report)

See references of WO 2004010984A2

Cited by

WO2010136740A1; WO2010136739A2; US9561179B2; US10092511B2

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