

Title (en)
COMPRESSED TABLETS COMPRISING MICROCAPSULES WITH MODIFIED RELEASE

Title (de)
KOMPRIMIERTE TABLETTEN MIT MIKROKAPSELN MIT MODIFIZIERTER FREISETZUNG

Title (fr)
COMPRIMES A BASE DE MICROCAPSULES A LIBERATION MODIFIEE

Publication
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Application
EP 03744400 A 20030314

Priority
• FR 0300827 W 20030314
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Abstract (en)
[origin: WO03077888A2] The aim of the invention is to provide a multi(micro)particulate compressed tablet which comprises a non-mechanically-deformable active principle core (crystal, granule) and which allows the prolonged in vivo release of said active principle, without the release profile being modified by the compression (microparticles not specifically formulated for the compression). Said aim is achieved with the inventive compressed tablet comprising reservoir-type microcapsules with prolonged release of the active principle. According to the invention, each of said microcapsules is formed by a non-deformable core comprising the active principle and covered by at least one coating film which controls the prolonged in vivo release of the active principle. Moreover, each microcapsule has a particle size distribution of between 50 and 1,000 nm and comprises at least one outer overcoating envelope which is based on at least one deformable organic component having a melting temperature of between 40 DEG C and 120 DEG C (polyethylene glycol). The invention also relates to the overcoated microcapsules which are resistant to compression.

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A61K 9/20; A61K 9/50

IPC 8 full level
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CPC (source: EP KR US)
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Citation (search report)
See references of WO 03077888A2

Citation (examination)
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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

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