

Title (en)

PHARMACEUTICAL FORMULATION BASED ON ANTIBIOTIC IN MICROCAPSULE FORM

Title (de)

PHARMAZEUTISCHE FORMULIERUNG AUF BASIS EINES ANTIBIOTIKUMS IN MIKROKAPSELFORM

Title (fr)

FORMULATION PHARMACEUTIQUE A BASE D'ANTIBIOTIQUE SOUS FORME MICROCAPSULAIRE

Publication

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Application

**EP 05766691 A 20050525**

Priority

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- FR 0451353 A 20040628

Abstract (en)

[origin: TW200602090A] The invention relates to oral antibiotic drugs. The object of the invention is to limit or even stop the increase in antibiotic resistance without sacrificing the requirements of (a) increased efficacy of oral antibiotics, particularly for pediatric applications, (b) tolerance, (c) broad spectra of activity, and (d) good patient compliance. This object is achieved by the invention, which proposes the use of modified-release microcapsules, comprising a core that contains at least one active principle AP1 formed of at least one antibiotic, and a coating for said core that governs the modified release of said active principle, for the manufacture of a drinkable or orally dispersible antibiotic pharmaceutical formulation that makes it possible to limit the increase in the antibiotic resistance of the target germs, this formulation being: - capable of administration in one or two, preferably two, dosage units per day, - and definable as follows, relative to an immediate-release oral formulation (IRF\*) comprising at least one active principle AP1, and for the same dose D of AP1 as IRF\*: Tmic>T\*mic of IRF\*

IPC 8 full level

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CPC (source: EP US)

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