

Title (en)

PHARMACEUTICAL COMPOSITION COMPRISING POORLY SOLUBLE ACTIVE INGREDIENT AND HYPERBRANCHED POLYMER

Title (de)

PHARMAZEUTISCHE ZUSAMMENSETZUNG MIT EINEM SCHLECHT LÖSLICHEN WIRKSTOFF UND HYPERVERZWEIGTEM POLYMER

Title (fr)

Composition pharmaceutique comprenant un principe actif peu soluble et un polymère hyper-ramifié

Publication

EP 2485716 A2 20120815 (EN)

Application

EP 10771053 A 20101006

Priority

- EP 09172391 A 20091007
- EP 10153918 A 20100218
- EP 2010064916 W 20101006
- EP 10771053 A 20101006

Abstract (en)

[origin: WO2011042463A2] The present invention belongs to the field of pharmaceutical industry and relates to a pharmaceutical composition comprising at least one hyperbranched polymer and at least one pharmaceutically active ingredient, wherein the polymer and the pharmaceutically active ingredient are present in a specific weight ratio, and to a process for the preparation of said pharmaceutical composition. The present invention is also directed to a powder or granulate comprising at least one hyperbranched polymer and at least one pharmaceutically active ingredient in a specific weight ratio, to a process for the preparation of said powder or granulate, and to a pharmaceutical dosage form comprising the pharmaceutical composition, powder or granulate. Furthermore, the present invention relates to a process for preparing a solid dispersion of a hyperbranched polymer and at least one API. Moreover, it relates to the use of a crystalline carrier for the preparation of a mixture of hyperbranched polymer and a pharmaceutically active ingredient, as well as to the use of polyesteramide hyperbranched polymers for the preparation of a pharmaceutical composition, to the use of a hydrophilic or hydrophobic carrier for the preparation of said composition comprising a specific group of API, and to the use of a specific API and at least one hyperbranched polymer for the preparation of a pharmaceutical composition.

IPC 8 full level

A61K 9/14 (2006.01); **A61K 9/16** (2006.01); **A61K 9/20** (2006.01); **A61K 31/64** (2006.01); **A61K 47/34** (2006.01)

CPC (source: EP)

A61K 9/1647 (2013.01); **A61K 9/1676** (2013.01); **A61K 9/204** (2013.01); **A61K 31/00** (2013.01); **A61K 31/122** (2013.01); **A61K 31/404** (2013.01); **A61K 31/4985** (2013.01); **A61K 31/501** (2013.01); **A61K 31/64** (2013.01)

Citation (search report)

See references of WO 2011042463A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2011042463 A2 20110414; **WO 2011042463 A3 20120223**; CN 102647978 A 20120822; EP 2485716 A2 20120815

DOCDB simple family (application)

EP 2010064916 W 20101006; CN 201080055080 A 20101006; EP 10771053 A 20101006