Title (en)

METHOD FOR PRODUCING CRYSTALS FROM ACTIVE INGREDIENTS IN MEDICAMENTS, CRYSTALS OBTAINED THEREFROM AND THE USE THEREOF IN PHARMACEUTICAL FORMULATIONS

Title (de)

VERFAHREN ZUM HERSTELLEN VON KRISTALLEN VON ARZNEIMITTELWIRSTOFFEN, DANACH ERH LTLICHE KRISTALLE UND DEREN VERWENDUNG IN PHAR MAZEUTISCHEN FORMULIERUNGEN

Title (fr)

PROCEDE DE PRODUCTION DE CRISTAUX DE PRINCIPES ACTIFS DE MEDICAMENTS, CRISTAUX AINSI OBTENUS ET LEUR UTILISATION DANS LES FORMULATIONS PHARMACEUTIQUES

Publication

EP 1523302 A2 20050420 (DE)

Application

EP 03747106 A 20030422

Priority

- DE 10218106 A 20020423
- EP 0304153 W 20030422

Abstract (en)

[origin: WO03090721A2] The invention relates to a method for producing crystallines from active ingredients in medicaments, the average particle size thereof lying within a given range and the maximum particle size thereof not exceeding a given value. During crystallisation, an oversaturated solution is subjected to wet milling by means of a wet milling device; as a result, a primary grain suspension is obtained. The invention also relates to crystals obtained according to said method and pharmaceutical formulations containing said crystals.

IPC 1-7

A61K 9/16; C07J 75/00

IPC 8 full level

A61K 9/14 (2006.01); A61K 9/16 (2006.01); A61K 9/36 (2006.01); A61K 9/62 (2006.01); A61K 31/567 (2006.01); A61K 31/568 (2006.01); B01D 9/02 (2006.01); C07J 1/00 (2006.01); C07J 41/00 (2006.01); C07J 75/00 (2006.01)

CPC (source: EP KR US)

A61K 9/14 (2013.01 - KR); A61K 9/16 (2013.01 - KR); C07J 75/00 (2013.01 - EP US)

Citation (search report)

See references of WO 03090721A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 03090721 A2 20031106; WO 03090721 A3 20050224; AU 2003232490 A1 20031110; BR 0309358 A 20050222; CA 2480130 A1 20031106; CN 1812767 A 20060802; DE 10218106 A1 20031120; EP 1523302 A2 20050420; IL 163984 A0 20051218; JP 2005535577 A 20051124; KR 20050003388 A 20050110; MX PA04010466 A 20041213; NO 20045071 L 20050121; PL 371518 A1 20050627; RU 2004134321 A 20051010; US 2003215516 A1 20031120; ZA 200409398 B 20060628

DOCDB simple family (application)

EP 0304153 W 20030422; AU 2003232490 A 20030422; BR 0309358 A 20030422; CA 2480130 A 20030422; CN 03809212 A 20030422; DE 10218106 A 20020423; EP 03747106 A 20030422; IL 16398403 A 20030422; JP 2003587358 A 20030422; KR 20047017080 A 20030422; MX PA04010466 A 20030422; NO 20045071 A 20041122; PL 37151803 A 20030422; RU 2004134321 A 20030422; US 41755603 A 20030417; ZA 200409398 A 20041122