

Title (en)

METHOD FOR THE FORMATION OF IBUPROFEN CRYSTALS

Title (de)

VERFAHREN ZUR BILDUNG VON PROFENKRISTALLEN

Title (fr)

PROCEDE POUR FORMER DES CRISTAUX DE PROFENES

Publication

**EP 1443906 A1 20040811 (DE)**

Application

**EP 02779512 A 20021025**

Priority

- DE 10153934 A 20011106
- EP 0211999 W 20021025

Abstract (en)

[origin: WO03039513A1] The invention relates to a method for the formation of ibuprofen crystals, characterised in that the solidification occurs after crystallisation by displacement, crystallisation by cooling, crystallisation by evaporation or a combination thereof in the presence of one or several additives and the use of the ibuprofen produced as above for pharmaceutical formulations.

IPC 1-7

**A61K 9/14; A61K 31/192**

IPC 8 full level

**A61K 9/14** (2006.01); **A61K 9/16** (2006.01); **A61K 9/20** (2006.01); **A61K 9/26** (2006.01); **A61K 31/192** (2006.01); **A61P 29/00** (2006.01);  
**C07C 51/43** (2006.01); **C07C 51/50** (2006.01); **C07C 57/30** (2006.01); **C07C 59/64** (2006.01)

CPC (source: EP KR US)

**A61K 9/14** (2013.01 - KR); **A61K 9/145** (2013.01 - EP US); **A61K 9/146** (2013.01 - EP US); **A61K 9/1688** (2013.01 - EP US);  
**A61K 31/192** (2013.01 - EP US); **A61P 29/00** (2018.01 - EP)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**WO 03039513 A1 20030515**; BR 0213878 A 20040831; CA 2464756 A1 20030515; CN 1585630 A 20050223; DE 10153934 A1 20030522;  
EP 1443906 A1 20040811; HU P0402006 A2 20050128; IL 161406 A0 20040927; JP 2005512994 A 20050512; KR 20050039732 A 20050429;  
MX PA04004236 A 20040708; NO 20041850 L 20040505; RU 2004117167 A 20050410; US 2005003000 A1 20050106

DOCDB simple family (application)

**EP 0211999 W 20021025**; BR 0213878 A 20021025; CA 2464756 A 20021025; CN 02822213 A 20021025; DE 10153934 A 20011106;  
EP 02779512 A 20021025; HU P0402006 A 20021025; IL 16140602 A 20021025; JP 2003541804 A 20021025; KR 20047006760 A 20040504;  
MX PA04004236 A 20021025; NO 20041850 A 20040505; RU 2004117167 A 20021025; US 49476404 A 20040505