

Title (en)
NOVEL CRYSTALLINE FORMS OF 4-[4-[4-(HYDROXYDIPHENYLMETHYL)-1-PIPERIDINYL] -1-HYDROXYBUTYL] -A,A-DIMETHYLBENZENE ACETIC ACID AND ITS HYDROCHLORIDE

Title (de)
NEUE KRISTALLINE FORMEN VON 4-[4-[4-(HYDROXYDIPHENYLMETHYL)-1-PIPERIDINYL] -1-HYDROXYBUTYL] -A,A-DIMETHYLBENZENESSIGSÄURE UND IHRE CHLORWASSERSTOFFSALZE

Title (fr)
NOUVELLES FORMES CRISTALLINES D'ACIDE 4-[4-[4-(HYDROXYDIPHENYLMETHYL)-1-PIPERINDINYL] -1-HYDROXYBUTYL]-A,A-DIMETHYLBENZENE ACETIQUE ET SON CHLORHYDRATE

Publication
EP 1399422 A2 20040324 (EN)

Application
EP 01956057 A 20010731

Priority
• IN 484MA2001 A 20010618
• US 0123994 W 20010731

Abstract (en)
[origin: WO02102777A2] The present invention is related to novel polymorph of Fexofenadine and Fexofenadine hydrochloride of formula 1 and process of preparation thereof. The present invention is also directed to provide pure novel polymorphs of Fexofenadine and its hydrochloride by a simple process which is cost effective, commercially viable and environment friendly.

IPC 1-7
C07D 211/22

IPC 8 full level
A61K 31/445 (2006.01); **C07D 211/22** (2006.01); **A61P 43/00** (2006.01); **B01D 9/02** (2006.01)

CPC (source: EP KR)
A61P 1/16 (2018.01 - EP); **A61P 11/00** (2018.01 - EP); **A61P 11/08** (2018.01 - EP); **A61P 37/00** (2018.01 - EP); **A61P 37/08** (2018.01 - EP); **A61P 43/00** (2018.01 - EP); **C07D 211/22** (2013.01 - EP KR)

Citation (examination)
• WO 9531437 A1 19951123 - MARION MERRELL DOW INC [US]
• ALEXANDRA GOHO: "Tricky Business - The crystal form of a drug can be the secret to its succes", SCIENCE NEWS ONLINE, vol. 166, no. 8, 2004
• MINO R. CAIRA: "Crystalline Polymorphism of Organic Compounds", TOPICS IN CURRENT CHEMISTRY, vol. 198, 1998, pages 163 - 208, XP001156954
• See also references of WO 02102777A2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02102777 A2 20021227; **WO 02102777 A3 20030227**; **WO 02102777 A8 20031030**; AU 2001278094 B2 20060112; BG 108435 A 20041230; BR 0117054 A 20040727; CA 2450858 A1 20021227; CA 2450858 C 20090407; CA 2646802 A1 20021227; CN 100390145 C 20080528; CN 1518540 A 20040804; CO 5540340 A2 20050729; CZ 20033358 A3 20040414; EE 200400010 A 20040216; EP 1399422 A2 20040324; EP 2261209 A1 20101215; HU P0401546 A2 20041228; IL 159266 A0 20040601; IL 159266 A 20101130; JP 2005507374 A 20050317; JP 2008094848 A 20080424; KR 20040015734 A 20040219; MX PA03011728 A 20040708; NZ 530118 A 20070531; PL 367632 A1 20050307; RU 2004101045 A 20050627; RU 2269516 C2 20060210; SK 15372003 A3 20040803; ZA 200309557 B 20040914

DOCDB simple family (application)
US 0123994 W 20010731; AU 2001278094 A 20010731; BG 10843503 A 20031211; BR 0117054 A 20010731; CA 2450858 A 20010731; CA 2646802 A 20010731; CN 01823379 A 20010731; CO 03110519 A 20031218; CZ 20033358 A 20010731; EE P200400010 A 20010731; EP 01956057 A 20010731; EP 10010066 A 20010731; HU P0401546 A 20010731; IL 15926601 A 20010731; IL 15926603 A 20031209; JP 2003505320 A 20010731; JP 2007289084 A 20071106; KR 20037016163 A 20031210; MX PA03011728 A 20010731; NZ 53011801 A 20010731; PL 36763201 A 20010731; RU 2004101045 A 20010731; SK 15372003 A 20010731; ZA 200309557 A 20031209