

Title (en)  
POLYMORPHIC CRYSTALLINE FORMS OF OBETICHOLIC ACID

Title (de)  
POLYMORPHE KRISTALLINE FORMEN DER OBETICHOLSÄURE

Title (fr)  
FORMES CRISTALLINES POLYMORPHES DE L'ACIDE OBÉTICHOIQUE

Publication  
**EP 3394081 A1 20181031 (EN)**

Application  
**EP 16714049 A 20160108**

Priority

- US 201514979005 A 20151222
- US 2016012651 W 20160108

Abstract (en)  
[origin: WO2017111979A1] The present application relates to crystalline forms A, D, F, G and I of obeticholic acid. These crystalline forms are useful in the production of Obeticholic acid (in particular its purification), which is a drug useful for the treatment or prevention of a FXR mediated disease or condition, cardiovascular disease or cholestatic liver disease, and for reducing HDL cholesterol, for lowering triglycerides in a mammal, or for inhibition of fibrosis.

IPC 8 full level  
**C07J 9/00** (2006.01); **A61K 31/575** (2006.01); **A61P 1/16** (2006.01); **C07J 17/00** (2006.01); **C07J 51/00** (2006.01)

CPC (source: EP KR)  
**A61P 1/16** (2017.12 - EP); **A61P 3/06** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 31/14** (2017.12 - EP); **C07J 9/005** (2013.01 - EP KR); **C07J 17/00** (2013.01 - KR); **C07J 51/00** (2013.01 - KR); **C07B 2200/13** (2013.01 - EP KR); **C07J 17/00** (2013.01 - EP); **C07J 51/00** (2013.01 - EP)

Citation (search report)  
See references of WO 2017111979A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2017111979 A1 20170629**; AU 2016375566 A1 20180705; BR 112018012590 A2 20181204; CA 3009149 A1 20170629; CL 2018001720 A1 20180810; CN 108495858 A 20180904; CO 2018006701 A2 20180710; EA 201891491 A1 20181130; EP 3394081 A1 20181031; IL 259998 A 20180731; JP 2018538331 A 20181227; KR 20180095070 A 20180824; MX 2018007776 A 20180809; PH 12018501318 A1 20190218; SG 11201805235X A 20180730

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**US 2016012651 W 20160108**; AU 2016375566 A 20160108; BR 112018012590 A 20160108; CA 3009149 A 20160108; CL 2018001720 A 20180622; CN 201680079793 A 20160108; CO 2018006701 A 20180627; EA 201891491 A 20160108; EP 16714049 A 20160108; IL 25999818 A 20180613; JP 2018532396 A 20160108; KR 20187020850 A 20160108; MX 2018007776 A 20160108; PH 12018501318 A 20180620; SG 11201805235X A 20160108