

Title (en)
CRYSTALLIZATION OF IDARUBICIN HYDROCHLORIDE

Title (de)
KRISTALLISIERUNG VON IDARUBICINHYDROCHLORID

Title (fr)
CRISTALLISATION DE CHLORHYDRATE D'IDARUBICINE

Publication
EP 2758418 A1 20140730 (DE)

Application
EP 12769592 A 20120904

Priority
• DE 102011113652 A 20110919
• US 201161536240 P 20110919
• EP 2012003691 W 20120904

Abstract (en)
[origin: WO2013041182A1] The patent application relates to a method for producing crystalline idarubicin hydrochloride, comprising the steps of (i) preparing a mixture that contains (a) idarubicin hydrochloride, (b) at least one alcohol selected from the group consisting of 1-butanol, 2-butanol and 1-pentanol, and (c) water; and (ii) crystallization of idarubicin hydrochloride from said mixture.

IPC 8 full level
A61P 35/00 (2006.01); **C07H 15/252** (2006.01)

CPC (source: EP US)
A61P 35/00 (2017.12 - EP); **C07H 1/00** (2013.01 - EP US); **C07H 15/252** (2013.01 - EP US)

Citation (search report)
See references of WO 2013041182A1

Citation (third parties)
Third party :
• US 6747012 B1 20040608 - JOHDO OSAMU [JP], et al
• PL 195417 B1 20070928 - INST FARMACEUTYCZNY [PL]
• "ZAVEDOS - IDARUBICIN HYDROCHLORIDE", MEDSAFE DATA SHEET - VERSION PFDZAVEA10614, 4 June 2014 (2014-06-04), pages 1 - 12, XP055208969, Retrieved from the Internet <URL:HTTP://WWW.MEDSAFE.GOV.NZ/PROFS/DATASHEET/Z/ZAVEDOSCAPINF.PDF>

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)
DE 102011113652 A1 20130321; AR 087889 A1 20140423; AU 2012313007 A1 20140417; CN 103906757 A 20140702; EP 2758418 A1 20140730; JP 2014526480 A 20141006; KR 20140067140 A 20140603; TW 201317248 A 20130501; US 2014228311 A1 20140814; WO 2013041182 A1 20130328

DOCDB simple family (application)
DE 102011113652 A 20110919; AR P120103407 A 20120914; AU 2012313007 A 20120904; CN 201280054419 A 20120904; EP 12769592 A 20120904; EP 2012003691 W 20120904; JP 2014530111 A 20120904; KR 20147010379 A 20120904; TW 101132815 A 20120907; US 201214345685 A 20120904