

Title (en)  
PROCESSES AND POLYMORPHS OF 5-[4-[4-(5-CYANO-1H-INDOL-3-YL) BUTYL]-1-PIPERAZINYL]-2-BENZOFURAN CARBOXAMIDE AND ITS SALTS

Title (de)  
VERFAHREN UND POLYMORPHE VON 5-[4-[4-(5-CYANO-1H-INDOL-3-YL)BUTYL]-1-PIPERAZINYL]-2-BENZOFURANCARBOXAMID UND DESSEN SALZEN

Title (fr)  
PROCÉDÉS ET POLYMORPHES DE 5-[4-[4-(5-CYANO-1H-INDOL-3-YL) BUTYL]-1-PIPÉRAZINYL]-2-BENZOFURAN CARBOXAMIDE ET SES SELS

Publication  
**EP 2900658 A4 20160713 (EN)**

Application  
**EP 13842370 A 20130926**

Priority  

- IN 4014CH2012 A 20120927
- IN 4629CH2012 A 20121106
- IN 5296CH2012 A 20121218
- IN 2013000580 W 20130926

Abstract (en)  
[origin: WO2014049612A2] The present invention relates to an improved process for the preparation of antidepressant drug i.e., 5-[4-[4-(5-cyano-1H-indol-3-yl)butyl]-1-piperazinyl]-2-benzofuran carboxamide hydrochloride compound of formula- Ia represented by the following structural formula: (1a)

IPC 8 full level  
**C07D 405/12** (2006.01); **A61K 31/496** (2006.01); **C07D 209/10** (2006.01)

CPC (source: EP)  
**C07D 405/12** (2013.01)

Citation (search report)  

- [X] WO 02102794 A2 20021227 - MERCK PATENT GMBH [DE], et al
- [E] WO 2013156935 A1 20131024 - RANBAXY LAB LTD [IN]
- [X] DATABASE WPI Week 201232, Derwent World Patents Index; AN 2011-P35968 [32], XP002754050
- [T] CAIRA: "Crystalline Polymorphism of Organic Compounds", TOPICS IN CURRENT CHEMISTRY, SPRINGER, BERLIN, DE, vol. 198, 1 January 1998 (1998-01-01), pages 163 - 208, XP008166276, ISSN: 0340-1022
- See references of WO 2014049612A2

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)  
**WO 2014049612 A2 20140403; WO 2014049612 A3 20140522**; EP 2900658 A2 20150805; EP 2900658 A4 20160713

DOCDB simple family (application)  
**IN 2013000580 W 20130926**; EP 13842370 A 20130926