

Title (en)  
COMPOSITIONS AND METHODS FOR THE TREATMENT OF DIABETES

Title (de)  
ZUSAMMENSETZUNGEN UND VERFAHREN ZUR BEHANDLUNG VON DIABETES

Title (fr)  
COMPOSITIONS ET MÉTHODES DE TRAITEMENT DU DIABÈTE

Publication  
**EP 2847161 A4 20151223 (EN)**

Application  
**EP 13787016 A 20130129**

Priority  
• IN 1788CH2012 A 20120508  
• IB 2013050744 W 20130129

Abstract (en)  
[origin: WO2013167987A1] The invention relates to the compounds of formula (I) or its pharmaceutical acceptable salts, as well as polymorphs, solvates, enantiomers, stereoisomers and hydrates thereof. The pharmaceutical compositions comprising an effective amount of compounds of formula (I), and methods for treating or preventing diabetes may be formulated for oral, buccal, rectal, topical, transdermal, transmucosal, intravenous, parenteral administration, syrup, or injection. Such compositions may be used to treatment of metabolic syndrome, insulin resistance, glucose intolerance, hyperinsulinemia, diabetes mellitus, diabetes insipidus, hyperglycemia and diabetic complications.

IPC 8 full level  
**A61K 31/198** (2006.01); **A61K 31/10** (2006.01); **A61P 25/00** (2006.01); **C07D 339/04** (2006.01)

CPC (source: EP)  
**A61P 3/00** (2017.12); **A61P 3/08** (2017.12); **A61P 3/10** (2017.12); **A61P 13/02** (2017.12); **A61P 25/00** (2017.12); **C07D 339/04** (2013.01)

Citation (search report)  
• [YA] US 2011082192 A1 20110407 - MILNE JILL C [US], et al  
• [Y] US 2010184730 A1 20100722 - VU CHI B [US], et al  
• [IY] SHINKAI H ET AL: "N-(CYCLOHEXYLCARBONYL)-D-PHENYLALANINES AND RELATED COMPOUNDS. A NEW CLASS OF ORAL HYPOGLYCEMIC AGENTS. 2", JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, US, vol. 32, no. 7, 1 January 1989 (1989-01-01), pages 1436 - 1441, XP001172441, ISSN: 0022-2623, DOI: 10.1021/JM00127A006  
• See references of WO 2013167987A1

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 2013167987 A1 20131114**; AU 2013257708 A1 20141204; CA 2873084 A1 20131114; CN 104364230 A 20150218;  
EP 2847161 A1 20150318; EP 2847161 A4 20151223; JP 2015521174 A 20150727; SG 11201407314X A 20141230; ZA 201408065 B 20160428

DOCDB simple family (application)  
**IB 2013050744 W 20130129**; AU 2013257708 A 20130129; CA 2873084 A 20130129; CN 201380030645 A 20130129;  
EP 13787016 A 20130129; JP 2015510894 A 20130129; SG 11201407314X A 20130129; ZA 201408065 A 20141104