

Title (en)  
MODULATING IMMUNE RESPONSES

Title (de)  
MODULATION VON IMMUNREAKTIONEN

Title (fr)  
MODULATION DE RÉPONSES IMMUNITAIRES

Publication  
**EP 2844756 A4 20160224 (EN)**

Application  
**EP 13784572 A 20130430**

Priority  
• US 201213460408 A 20120430  
• US 2013038840 W 20130430

Abstract (en)  
[origin: WO2013166000A1] Modulators of STING are able to upregulate or down regulate immune responses. Administration of such modulators can be used to treat diseases or other undesirable conditions in a subject either directly or in combination with other agents.

IPC 8 full level  
**C12N 15/11** (2006.01); **A61K 31/711** (2006.01); **A61K 31/713** (2006.01); **A61P 35/00** (2006.01)

CPC (source: EP)  
**A61K 31/711** (2013.01); **A61K 31/713** (2013.01); **A61P 29/00** (2017.12); **A61P 31/04** (2017.12); **A61P 35/00** (2017.12); **A61P 37/02** (2017.12); **C12N 15/113** (2013.01); **C12N 2310/14** (2013.01)

Citation (search report)  
• [XY] US 2011262485 A1 20111027 - BARBER GLEN N [US]  
• [Y] MARCO PRINZ ET AL: "Type I Interferons as Ambiguous Modulators of Chronic Inflammation in the Central Nervous System", FRONTIERS IN IMMUNOLOGY, vol. 3, 1 January 2012 (2012-01-01), XP055211634, DOI: 10.3389/fimmu.2012.00067  
• [YP] ABE TAKAYUKI ET AL: "STING Recognition of Cytoplasmic DNA Instigates Cellular Defense", MOLECULAR CELL, CELL PRESS, CAMBRIDGE, MA, US, vol. 50, no. 1, 7 March 2013 (2013-03-07), pages 5 - 15, XP028547914, ISSN: 1097-2765, DOI: 10.1016/J.MOLCEL.2013.01.039  
• See references of WO 2013166000A1

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 2013166000 A1 20131107**; AU 2013256468 A1 20141204; CA 2907616 A1 20131107; CN 104540945 A 20150422; EP 2844756 A1 20150311; EP 2844756 A4 20160224; JP 2015516989 A 20150618; KR 20150004416 A 20150112

DOCDB simple family (application)  
**US 2013038840 W 20130430**; AU 2013256468 A 20130430; CA 2907616 A 20130430; CN 201380029115 A 20130430; EP 13784572 A 20130430; JP 2015510379 A 20130430; KR 20147033632 A 20130430