

Title (en)  
IMMUNOGENIC COMPOSITION AGAINST CAMPYLOBACTER JEJUNI

Title (de)  
IMMUNOGENE ZUSAMMENSETZUNG GEGEN CAMPYLOBACTER JEJUNI

Title (fr)  
COMPOSITION IMMUNOGÈNE DIRIGÉE CONTRE CAMPYLOBACTER JEJUNI

Publication  
**EP 3188748 A4 20180418 (EN)**

Application  
**EP 15830474 A 20150731**

Priority  
• US 201562165301 P 20150522  
• US 201462034436 P 20140807  
• US 201462054454 P 20140924  
• US 2015043070 W 20150731

Abstract (en)  
[origin: WO2016022412A1] The inventive subject matter relates to an immunogenic composition against Campylobacter jejuni comprising isolated capsule polysaccharide from selected pathogenic Campylobacter jejuni strains. The inventive subject matter also relates to methods of using the polysaccharide compositions in inducing and anti-C. jejuni immune response.

IPC 8 full level  
**A61K 39/00** (2006.01); **A61K 39/02** (2006.01); **A61K 39/385** (2006.01)

CPC (source: EP)  
**A61K 39/02** (2013.01); **A61P 1/12** (2017.12); **A61P 31/04** (2017.12); **A61P 37/04** (2017.12); **A61K 2039/106** (2013.01);  
**A61K 2039/55505** (2013.01); **A61K 2039/6087** (2013.01); **Y02A 50/30** (2017.12)

Citation (search report)  
• [A] WO 2009017666 A1 20090205 - US NAVY [US]  
• [A] WO 2005020964 A1 20050310 - CHIRON CORP [US], et al  
• [A] WO 2007038122 A2 20070405 - US NAVY [US]  
• [A] F. POLY ET AL: "Discrimination of Major Capsular Types of Campylobacter jejuni by Multiplex PCR", JOURNAL OF CLINICAL MICROBIOLOGY, vol. 49, no. 5, 16 March 2011 (2011-03-16), pages 1750 - 1757, XP055069851, ISSN: 0095-1137, DOI: 10.1128/JCM.02348-10  
• [A] MARTINE C. HOLST SØRENSEN ET AL: "Phase Variable Expression of Capsular Polysaccharide Modifications Allows Campylobacter jejuni to Avoid Bacteriophage Infection in Chickens", FRONTIERS IN CELLULAR AND INFECTION MICROBIOLOGY, vol. 2, 20 February 2012 (2012-02-20), pages 1 - 11, XP055429225, DOI: 10.3389/fcimb.2012.00011  
• [A] ANDREY V KARLYSHEV ET AL: "Analysis of Campylobacter jejuni Capsular Loci Reveals Multiple Mechanisms for the Generation of Structural Diversity and the Ability to Form Complex Heptoses", MOLECULAR MICROBIOL, WILEY-BLACKWELL PUBLISHING LTD, GB, vol. 55, no. 1, 1 January 2005 (2005-01-01), pages 90 - 103, XP008126621, ISSN: 0950-382X, DOI: 10.1111/J.1365-2958.2004.04374.X  
• [A] PAPP-SZABO ET AL: "Cell-surface @a-glucan in Campylobacter jejuni 81-176", CARBOHYDRATE RESE, PERGAMON, GB, vol. 340, no. 13, 26 September 2005 (2005-09-26), pages 2218 - 2221, XP005032116, ISSN: 0008-6215, DOI: 10.1016/J.CARRES.2005.06.023  
• [A] REDKYNA ET AL: "A vaccine against Campylobacter jejuni serotype HS:5", 3 January 2014 (2014-01-03), pages 1 - 101, XP009503578, Retrieved from the Internet <URL:http://hdl.handle.net/10214/7740>  
• See references of WO 2016022412A1

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 2016022412 A1 20160211; WO 2016022412 A8 20170420; WO 2016022412 A9 20160512;** AU 2015301368 A1 20170209;  
AU 2015301368 B2 20180405; AU 2018204255 A1 20180705; AU 2018204255 B2 20190418; CA 2957430 A1 20160211;  
CA 2957430 C 20210112; EP 3188748 A1 20170712; EP 3188748 A4 20180418; JP 2017524710 A 20170831; JP 6530051 B2 20190612

DOCDB simple family (application)  
**US 2015043070 W 20150731;** AU 2015301368 A 20150731; AU 2018204255 A 20180614; CA 2957430 A 20150731; EP 15830474 A 20150731;  
JP 2017506284 A 20150731