

Title (en)

COMPOSITIONS OF VACCINES AND ADJUVANTS AND METHODS FOR THE TREATMENT OF URINARY TRACT INFECTIONS

Title (de)

IMPFSTOFFZUSAMMENSETZUNGEN UND ADJUVANZIEN UND VERFAHREN ZUR BEHANDLUNG VON HARNWEGSINFektIONEN

Title (fr)

COMPOSITIONS DE VACCINS, ADJUVANTS ET MÉTHODES DE TRAITEMENT D'INFECTIONS URINAIRES

Publication

**EP 3270962 A1 20180124 (EN)**

Application

**EP 16765693 A 20160316**

Priority

- US 201514660523 A 20150317
- US 201562135092 P 20150318
- US 201514800003 A 20150715
- US 2016022711 W 20160316

Abstract (en)

[origin: WO2016149558A2] This invention describes novel adjuvant compositions and formulations with excellent stability at refrigerated and room temperatures and up to and about 37°C that can be produced at remarkably low costs. This invention describes novel vaccine compositions and formulations to treat and prevent urinary tract infections caused by gram-negative bacteria including Escherichia coli and multi-drug resistant E. coli. This invention also describes methods of administration of said novel vaccine compositions and formulations and methods of treatment to prevent and treat urinary tract infections caused by gram-negative bacteria including E. coli and multi-drug resistant E. coli.

IPC 8 full level

**A61K 39/39** (2006.01); **A61K 39/00** (2006.01); **A61K 39/108** (2006.01); **A61K 47/02** (2006.01)

CPC (source: EP)

**A61K 39/02** (2013.01); **A61K 39/0258** (2013.01); **A61K 39/39** (2013.01); **A61K 2039/55511** (2013.01); **Y02A 50/30** (2017.12)

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 2016149558 A2 20160922; WO 2016149558 A3 20170323; CN 107405395 A 20171128; CN 107530418 A 20180102;**  
EP 3270962 A1 20180124; EP 3270962 A4 20180822; EP 3270963 A2 20180124; EP 3270963 A4 20180822; WO 2016149417 A1 20160922

DOCDB simple family (application)

**US 2016022977 W 20160317; CN 201680016475 A 20160317; CN 201680016531 A 20160316; EP 16765693 A 20160316;**  
EP 16765794 A 20160317; US 2016022711 W 20160316