

Title (en)

ANTIBIOTIC RESISTANCE FREE LISTERIA STRAINS AND METHODS FOR CONSTRUCTING AND USING SAME

Title (de)

ANTIBIOTIKARESISTENZ-FREIE LISTERIA-STÄMME UND VERFAHREN ZUR KONSTRUKTION UND VERWENDUNG DAVON

Title (fr)

SOUCHE DE LISTERIA EXEMPTÉ DE RÉSISTANCE AUX ANTIBIOTIQUES ET PROCÉDÉ POUR LA CONSTRUCTION ET L'UTILISATION DE CELLE-CI

Publication

EP 2147092 A2 20100127 (EN)

Application

EP 08742912 A 20080415

Priority

- US 2008004861 W 20080415
- US 78524907 A 20070416
- US 81896507 A 20070427

Abstract (en)

[origin: WO2008130551A2] The present invention provides Listeria strains that express a heterologous antigen, a metabolic enzyme, and a phage integrase and use of such Listeria strains in methods of inducing an immune response to an antigen of interest.

IPC 8 full level

C12N 1/21 (2006.01); **A61K 35/74** (2006.01); **A61K 39/00** (2006.01)

CPC (source: EP US)

A61K 39/0011 (2013.01 - EP US); **C12N 15/74** (2013.01 - EP); **A61K 2039/523** (2013.01 - EP); **C07K 2319/00** (2013.01 - EP); **C12N 2710/20022** (2013.01 - EP)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2008130551 A2 20081030; WO 2008130551 A3 20081224; EP 2147092 A2 20100127; EP 2147092 A4 20100609

DOCDB simple family (application)

US 2008004861 W 20080415; EP 08742912 A 20080415