

Title (en)

VACCINES FORMED BY VIRUS AND ANTIGEN CONJUGATION

Title (de)

IMPFSTOFFE HERGESTELLT DURCH VIRUS- UND ANTIGENKONJUGATION

Title (fr)

VACCINS FORMÉS PAR CONJUGAISON DE VIRUS ET D'ANTIGÈNE

Publication

EP 4121105 A1 20230125 (EN)

Application

EP 21793816 A 20210305

Priority

- US 202063013284 P 20200421
- US 202063047629 P 20200702
- US 202016919943 A 20200702
- US 202117186941 A 20210226
- US 2021021087 W 20210305

Abstract (en)

[origin: WO2021216205A1] Disclosed herein are methods of forming compounds and exemplary stable compounds in the nature of a conjugated compound at refrigerated or room temperature, which in some embodiments comprises an antigen and virus particle mixed in a conjugation reaction to form a conjugate mixture, such that the conditions and steps of forming these products allow for use of the conjugate mixture as a vaccine, including but not limited to use as a vaccine against various pathogens including for treatment of diseases caused by novel coronaviruses (including SARS-COV 2).

IPC 8 full level

A61K 39/145 (2006.01); **A61K 39/12** (2006.01); **A61P 31/16** (2006.01)

CPC (source: EP)

A61K 39/12 (2013.01); **A61P 31/16** (2018.01); **A61K 2039/5258** (2013.01); **A61K 2039/60** (2013.01); **A61K 2039/70** (2013.01); **C12N 2760/16134** (2013.01); **C12N 2770/20034** (2013.01)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2021216205 A1 20211028; CN 115996750 A 20230421; EP 4121105 A1 20230125; EP 4121105 A4 20240515; JP 2023523716 A 20230607

DOCDB simple family (application)

US 2021021087 W 20210305; CN 202180044012 A 20210305; EP 21793816 A 20210305; JP 2022563927 A 20210305