

Title (en)  
RECOMBINANT ROTAVIRUS EXPRESSION SYSTEM AND RECOMBINANT ROTAVIRUSES

Title (de)  
REKOMBINANTES ROTAVIRUS-EXPRESSIONSSYSTEM UND REKOMBINANTE ROTAVIREN

Title (fr)  
SYSTÈME D'EXPRESSION DE ROTAVIRUS RECOMBINANTS, ET ROTAVIRUS RECOMBINANTS

Publication  
**EP 4138904 A1 20230301 (EN)**

Application  
**EP 21792557 A 20210420**

Priority  
• US 202063012870 P 20200420  
• US 2021028195 W 20210420

Abstract (en)  
[origin: WO2021216575A1] Embodiments herein provide compositions, methods, uses and manufacturing procedures for rotavirus constructs and immunogenic compositions thereof. Some embodiments concern compositions that include, but are not limited to, chimeric rotaviruses of use in immunogenic compositions against rotavirus infection as well as against coronavirus infection in a subject. In certain embodiments, constructs of use herein can be generated and used where a rotavirus expression system further includes one or more nucleic acid molecules encoding one or more polypeptides of a coronavirus.

IPC 8 full level  
**A61K 39/215** (2006.01); **A61P 31/14** (2006.01); **C07K 14/14** (2006.01)

CPC (source: EP)  
**A61K 39/12** (2013.01); **A61P 31/14** (2017.12); **C07K 14/005** (2013.01); **C12N 15/86** (2013.01); **A61K 2039/5254** (2013.01); **A61K 2039/5256** (2013.01); **C12N 2720/12334** (2013.01); **C12N 2720/12343** (2013.01); **C12N 2770/20022** (2013.01); **C12N 2770/20034** (2013.01)

Citation (search report)  
See references of WO 2021216575A1

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 2021216575 A1 20211028**; BR 112022021259 A2 20221227; CA 3180688 A1 20211028; CN 115942955 A 20230407; EP 4138904 A1 20230301; JP 2023523411 A 20230605

DOCDB simple family (application)  
**US 2021028195 W 20210420**; BR 112022021259 A 20210420; CA 3180688 A 20210420; CN 202180042398 A 20210420; EP 21792557 A 20210420; JP 2022563863 A 20210420