

Title (en)  
TREATMENT OF COVID-19 AND METHODS THEREFOR

Title (de)  
BEHANDLUNG VON COVID-19 UND VERFAHREN DAFÜR

Title (fr)  
TRAITEMENT DU COVID-19 ET PROCÉDÉS CORRESPONDANTS

Publication  
**EP 4118210 A1 20230118 (EN)**

Application  
**EP 21768699 A 20210310**

Priority

- US 202062988328 P 20200311
- US 202063009960 P 20200414
- US 202063010010 P 20200414
- US 202016883263 A 20200526
- US 202063059975 P 20200801
- US 202063064157 P 20200811
- US 202063117460 P 20201124
- US 202063117922 P 20201124
- US 202063117847 P 20201124
- US 202063118697 P 20201126
- US 202163135380 P 20210108
- US 2021021737 W 20210310

Abstract (en)  
[origin: CN115552011A] A vaccine composition for inducing immunity against coronavirus in a subject comprises a recombinant nucleic acid encoding an N-ETSD, which is a modified nucleocapsid protein comprising an endosomal targeting sequence, and/or a recombinant nucleic acid encoding an S-fusion, which is a modified spike protein with improved surface expression. The vaccines can be formulated as recombinant nucleic acids, recombinant yeasts, and/or recombinant viruses, such as adenoviruses, and can be administered via injection and/or mucosal delivery.

IPC 8 full level  
**C12N 15/62** (2006.01); **A61K 39/215** (2006.01); **A61P 31/14** (2006.01); **C07K 14/005** (2006.01); **C12N 7/00** (2006.01); **C12N 15/81** (2006.01)

CPC (source: EP KR)  
**A61K 35/761** (2013.01 - EP); **A61K 39/12** (2013.01 - EP); **A61K 39/215** (2013.01 - EP KR); **A61P 31/14** (2018.01 - EP KR); **C07K 14/005** (2013.01 - EP KR); **C12N 15/62** (2013.01 - KR); **C12N 15/81** (2013.01 - EP KR); **C12N 15/86** (2013.01 - EP KR); **A61K 2039/5256** (2013.01 - EP KR); **A61K 2039/53** (2013.01 - KR); **A61K 2039/542** (2013.01 - EP KR); **A61K 2039/6031** (2013.01 - EP KR); **C07K 2319/06** (2013.01 - EP KR); **C12N 2710/10343** (2013.01 - EP KR); **C12N 2770/20022** (2013.01 - EP KR); **C12N 2770/20034** (2013.01 - EP KR); **C12N 2770/20071** (2013.01 - EP KR); **C12N 2840/20** (2013.01 - EP); **C12N 2840/203** (2013.01 - EP)

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)  
CN 115552011 A 20221230; EP 4118210 A1 20230118; EP 4118210 A4 20240417

DOCDB simple family (application)  
CN 202180020795 A 20210310; EP 21768699 A 20210310