

Title (en)
UNIVERSAL CORONAVIRUS VACCINE.

Title (de)
UNIVERSELLES CORONAVIRUS VAKZIN.

Title (fr)
VACCIN UNIVERSEL CONTRE LE CORONAVIRUS.

Publication
EP 0640096 A1 19950301 (EN)

Application
EP 93911170 A 19930507

Priority
• US 9304365 W 19930507
• US 88217192 A 19920508

Abstract (en)
[origin: WO9323422A1] The present invention provides a chimeric coronavirus S protein useful in diagnostic, vaccinal and therapeutic compositions comprising two or more S protein fragments, said fragments being selected from the same or different coronavirus strains.

IPC 1-7
C07K 1/00; C07H 15/12; C12N 15/00; A61K 39/12

IPC 8 full level
G01N 33/569 (2006.01); **A61K 39/215** (2006.01); **A61P 31/12** (2006.01); **C07H 21/04** (2006.01); **C07K 14/165** (2006.01); **C12N 15/09** (2006.01); **C12P 21/02** (2006.01); **C12Q 1/70** (2006.01); **A61K 38/00** (2006.01); **A61K 39/00** (2006.01)

CPC (source: EP US)
A61P 31/12 (2018.01 - EP); **C07K 14/005** (2013.01 - EP); **A61K 38/00** (2013.01 - EP); **A61K 39/00** (2013.01 - EP US); **C07K 2319/40** (2013.01 - EP); **C12N 2770/20022** (2013.01 - EP)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9323422 A1 19931125; AU 4240493 A 19931213; AU 4241093 A 19931213; AU 678970 B2 19970619; AU 678971 B2 19970619; CA 2134898 A1 19931125; CA 2135201 A1 19931125; EP 0640096 A1 19950301; EP 0640096 A4 19970115; EP 0640097 A1 19950301; EP 0640097 A4 19970115; JP H07508176 A 19950914; JP H08501931 A 19960305; WO 9323421 A1 19931125

DOCDB simple family (application)
US 9304384 W 19930507; AU 4240493 A 19930507; AU 4241093 A 19930507; CA 2134898 A 19930507; CA 2135201 A 19930507; EP 93911170 A 19930507; EP 93911185 A 19930507; JP 50365794 A 19930507; JP 50366894 A 19930507; US 9304365 W 19930507