Title (en)
ANTI-INFECTIVE BICYCLIC PEPTIDE LIGANDS

Title (de)
ANTIINFEKTIÖSE BICYCLISCHE PEPTIDLIGANDEN

Title (fr)
LIGANDS PEPTIDIQUES BICYCLIQUES ANTI-INFECTIEUX

Publication
EP 4274839 A1 20231115 (EN)

Application
EP 22701005 A 20220110

Priority
- US 202163135361 P 20210108
- US 202163164068 P 20210322
- GB 2022050031 W 20220110

Abstract (en)
[origin: WO2022148968A1] The present invention relates to polypeptides which are covalently bound to molecular scaffolds such that two or more peptide loops are subtended between attachment points to the scaffold. In particular, the invention describes peptides which are high affinity binders of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), particularly the spike protein S1 of SARS-CoV-2. The invention also includes pharmaceutical compositions comprising said polypeptides and to the use of said polypeptides in suppressing or treating a disease or disorder mediated by infection of SARS-CoV-2 or for providing prophylaxis to a subject at risk of infection of SARS-CoV-2.

IPC 8 full level
C07K 7/08 (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP IL)
A61K 38/00 (2013.01 - IL); **C07K 7/08** (2013.01 - EP IL); A61K 38/00 (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)
WO 2022148968 A1 20220714; AU 2022205543 A1 20230824; AU 2022205543 A9 20240509; CA 3206846 A1 20220714; EP 4274839 A1 20231115; IL 304211 A 20230901; JP 2024503642 A 20240126

DOCDB simple family (application)
GB 2022050031 W 20220110; AU 2022205543 A 20220110; CA 3206846 A 20220110; EP 22701005 A 20220110; IL 30421123 A 20230703; JP 2023541294 A 20220110