

Title (en)

NOVEL CLASS 2 CRISPR-CAS RNA-GUIDED ENDONUCLEASES

Title (de)

NEUARTIGE CRISPR-CAS-RNA-GEFÜHRTE ENDONUKLEASEN DER KLASSE 2

Title (fr)

NOUVELLES ENDONUCLÉASES GUIDÉES PAR UN ARN CRISPR-CAS DE CLASSE 2

Publication

**EP 4240853 A2 20230913 (EN)**

Application

**EP 21815788 A 20211103**

Priority

- US 202063109302 P 20201103
- US 2021057798 W 20211103

Abstract (en)

[origin: US2022135958A1] Provided herein are novel Class 2 Type II, Type V, type VI CRISPR-Cas RNA-guided endonucleases and systems comprising the same. Provided also are methods of making, and methods of use thereof. Exemplary methods of use include modifying target nucleic acids useful for therapeutic applications, and also include detecting targeting nucleic acids, useful for diagnostic applications.

IPC 8 full level

**C12N 15/113** (2010.01); **C12N 9/22** (2006.01); **C12N 15/10** (2006.01); **C12N 15/90** (2006.01)

CPC (source: EP US)

**C12N 9/1276** (2013.01 - EP US); **C12N 9/22** (2013.01 - EP US); **C12N 15/11** (2013.01 - US); **C12N 15/113** (2013.01 - EP); **C12N 15/907** (2013.01 - US); **C12Q 1/6823** (2013.01 - US); **C12Q 1/6876** (2013.01 - US); **C12N 15/902** (2013.01 - EP); **C12N 2310/20** (2017.04 - EP US); **C12N 2800/80** (2013.01 - US); **Y02A 50/30** (2017.12 - EP)

Citation (search report)

See references of WO 2022098681A2

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)

**US 2022135958 A1 20220505**; EP 4240853 A2 20230913; US 2022136050 A1 20220505; US 2023072431 A1 20230309

DOCDB simple family (application)

**US 202117541405 A 20211203**; EP 21815788 A 20211103; US 202117541398 A 20211203; US 202117616121 A 20211103