

Title (en)  
BCMA-TARGETED CHIMERIC ANTIGEN RECEPTORS

Title (de)  
AUF BCMA ABZIELENDE CHIMÄRE ANTIGENREZEPTOREN

Title (fr)  
RÉCEPTEURS ANTIGÉNIQUES CHIMÉRIQUES CIBLANT BCMA

Publication  
**EP 4255936 A1 20231011 (EN)**

Application  
**EP 21901383 A 20211201**

Priority

- US 202063120692 P 20201202
- US 202163153666 P 20210225
- US 202163212289 P 20210618
- US 202117476661 A 20210916
- US 2021061410 W 20211201

Abstract (en)  
[origin: WO2022119923A1] The present disclosure provides BCMA-targeted chimeric antigen receptors (CARs) as well as preparation methods and applications thereof. The CARs of the present disclosure targets BCMA-positive cells, and can be used for treating BCMA-positive B-cell lymphoma, multiple myeloma and plasma cell leukemia.

IPC 8 full level  
**C07K 19/00** (2006.01); **A61K 35/17** (2015.01); **C12N 15/62** (2006.01)

CPC (source: EP KR)  
**A61K 39/4611** (2023.05 - EP KR); **A61K 39/4631** (2023.05 - EP KR); **A61K 39/464417** (2023.05 - EP KR); **A61P 35/00** (2018.01 - EP KR); **A61P 35/02** (2018.01 - EP); **C07K 14/7051** (2013.01 - EP KR); **C07K 16/2878** (2013.01 - EP KR); **C12N 5/0636** (2013.01 - EP KR); **C12N 5/0646** (2013.01 - KR); **A61K 2039/505** (2013.01 - KR); **A61K 2239/28** (2023.05 - EP KR); **A61K 2239/31** (2023.05 - EP KR); **A61K 2239/38** (2023.05 - EP KR); **A61K 2239/48** (2023.05 - EP KR); **C07K 2317/24** (2013.01 - EP); **C07K 2317/56** (2013.01 - EP KR); **C07K 2317/565** (2013.01 - EP); **C07K 2317/622** (2013.01 - EP KR); **C07K 2319/02** (2013.01 - EP KR); **C07K 2319/03** (2013.01 - EP KR); **C12N 2510/00** (2013.01 - EP KR)

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 2022119923 A1 20220609**; AU 2021393434 A1 20230622; CA 3201008 A1 20220609; CN 116997345 A 20231103; EP 4255936 A1 20231011; JP 2023553390 A 20231221; KR 20230117367 A 20230808

DOCDB simple family (application)  
**US 2021061410 W 20211201**; AU 2021393434 A 20211201; CA 3201008 A 20211201; CN 202180081130 A 20211201; EP 21901383 A 20211201; JP 2023533391 A 20211201; KR 20237020736 A 20211201