

Title (en)  
PRECURSOR MARKER AND RADIOTRACER FOR NUCLEAR-MEDICAL DIAGNOSIS AND THERAPY OF BONE-METASTATIC PROSTATE CANCER

Title (de)  
MARKIERUNGSVORLÄUFER UND RADIOTRACER ZUR NUKLEARMEDIZINISCHEN DIAGNOSE UND THERAPIE VON PROSTATAKREBS INDUZIERTEN KNOCHENMETASTASEN

Title (fr)  
PRÉCURSEURS DE MARQUAGE ET RADIOTRACEURS POUR LE DIAGNOSTIC ET LA THÉRAPIE PAR MÉDECINE NUCLÉAIRE DE MÉTASTASES OSSEUSES INDUITES PAR LE CANCER DE LA PROSTATE

Publication  
**EP 4281119 A1 20231129 (DE)**

Application  
**EP 22703899 A 20220120**

Priority  
• DE 102021101216 A 20210121  
• EP 2022051289 W 20220120

Abstract (en)  
[origin: WO2022157277A1] A precursor marker for nuclear-medical diagnostics and theranostics has the structure (formula) or (formula) with a first PSMA-specific target vector TV1, a second bone-affine target vector TV2, a chelating agent Chel for complexing a radioisotope and two or three linkers L1, L2 and L3.

IPC 8 full level  
**A61K 51/04** (2006.01); **A61P 35/04** (2006.01); **A61K 103/30** (2006.01)

CPC (source: EP KR US)  
**A61K 51/0402** (2013.01 - EP KR); **A61K 51/0489** (2013.01 - EP KR US); **A61K 51/0497** (2013.01 - EP KR); **A61P 35/04** (2018.01 - EP KR); **C07B 59/002** (2013.01 - KR); **C07B 59/004** (2013.01 - EP); **C07F 5/003** (2013.01 - EP); **C07F 9/6524** (2013.01 - EP KR); **C07F 9/65583** (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)  
**DE 102021101216 A1 20220721**; AU 2022211563 A1 20230720; CA 3206513 A1 20220728; CN 116916972 A 20231020; EP 4281119 A1 20231129; JP 2024504629 A 20240201; KR 20230134559 A 20230921; US 2024100201 A1 20240328; WO 2022157277 A1 20220728

DOCDB simple family (application)  
**DE 102021101216 A 20210121**; AU 2022211563 A 20220120; CA 3206513 A 20220120; CN 202280008574 A 20220120; EP 2022051289 W 20220120; EP 22703899 A 20220120; JP 2023542823 A 20220120; KR 20237028231 A 20220120; US 202218260775 A 20220120