

Title (en)  
HER3 RADIOIMMUNOTHERAPY FOR THE TREATMENT OF SOLID CANCERS

Title (de)  
HER3-RADIOIMMUNTHERAPIE ZUR BEHANDLUNG VON SOLIDEN TUMOREN

Title (fr)  
RADIOIMMUNOTHÉRAPIE DE HER3 POUR LE TRAITEMENT DE CANCERS SOLIDES

Publication  
**EP 4247430 A1 20230927 (EN)**

Application  
**EP 21895766 A 20211122**

Priority

- US 202063116225 P 20201120
- US 202063118181 P 20201125
- US 202163226699 P 20210728
- US 202163250725 P 20210930
- US 2021056259 W 20211022
- US 2021060370 W 20211122

Abstract (en)  
[origin: WO2022109404A1] Provided are compositions and methods for treating a solid cancer such as a HER3-positive tumor in a subject by administering an effective amount of a HER3-targeting agent labeled with a radionuclide such as <sup>225</sup>Ac, <sup>177</sup>Lu, <sup>131</sup>I, <sup>90</sup>Y, <sup>213</sup>Bi, <sup>211</sup>At, <sup>213</sup>Bi, <sup>227</sup>Th, or <sup>212</sup>Pb, alone or in combination with other therapeutic agents or modalities. The effective amount of the radiolabeled HER3-targeting agent may be a maximum tolerate dose administered in a single bolus or in fractionated doses that together equal the maximum tolerated dose.

IPC 8 full level  
**A61K 47/64** (2017.01); **A61K 39/395** (2006.01); **A61K 51/08** (2006.01); **C07K 14/47** (2006.01)

CPC (source: EP IL KR)  
**A61K 39/39558** (2013.01 - EP IL); **A61K 45/06** (2013.01 - EP IL KR); **A61K 51/1021** (2013.01 - EP IL KR); **A61K 51/1045** (2013.01 - EP IL KR); **A61K 51/1093** (2013.01 - EP IL); **A61K 51/1096** (2013.01 - EP IL KR); **A61P 35/00** (2018.01 - EP IL KR); **C07K 16/2803** (2013.01 - EP IL KR); **C07K 16/32** (2013.01 - EP IL KR); **A61K 2039/507** (2013.01 - EP IL KR); **A61K 2300/00** (2013.01 - IL KR)

C-Set (source: EP)  
**A61K 39/39558 + A61K 2300/00**

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 2022109404 A1 20220527**; AU 2021382717 A1 20230706; CA 3199259 A1 20220527; EP 4247430 A1 20230927; IL 303030 A 20230701; JP 2023550462 A 20231201; KR 20230128271 A 20230904; MX 2023005940 A 20230727

DOCDB simple family (application)  
**US 2021060370 W 20211122**; AU 2021382717 A 20211122; CA 3199259 A 20211122; EP 21895766 A 20211122; IL 30303023 A 20230518; JP 2023530591 A 20211122; KR 20237020749 A 20211122; MX 2023005940 A 20211122