

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
10 November 2022 (10.11.2022)



(10) International Publication Number
WO 2022/234146 A1

(51) International Patent Classification:

C07K 16/28 (2006.01) A61P 35/00 (2006.01)

A61K 39/395 (2006.01)

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))
- with sequence listing part of description (Rule 5.2(a))
- in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE

(21) International Application Number:

PCT/EP2022/062518

(22) International Filing Date:

09 May 2022 (09.05.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/185,762 07 May 2021 (07.05.2021) US

(71) Applicant: **GENMAB A/S** [DK/DK]; Kalvebod Brygge 43, 1560 Copenhagen V (DK).

(72) Inventors: **SAHLIN, Martin**; c/o Genmab A/S Kalvebod Brygge 43, DK-1560 Copenhagen V (DK). **ABDULRAHMAN, Abdallah**; c/o Genmab A/S, Kalvebod Brygge 43, 1560 Copenhagen V (DK). **COE, Jesse**; Durham, North Carolina 27707 (US). **ABADIE, Charles**; Durham, North Carolina 27713 (US).

(74) Agent: **GENMAB A/S**; IPR Kalvebod Brygge 43, DK-1560 Copenhagen V (DK).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

(54) Title: PHARMACEUTICAL COMPOSITIONS COMPRISING BISPECIFIC ANTIBODIES BINDING TO B7H4 and CD3

(57) Abstract: The present invention relates to pharmaceutical compositions and unit dosage forms comprising antibodies binding to B7H4 and CD3. The invention further provides a use of the pharmaceutical compositions and unit dosage forms for therapeutic and diagnostic procedures, in particular in cancer therapy.

WO 2022/234146 A1