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

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
9 January 2014 (09.01.2014)

WIPO | PCT

(10) International Publication Number
WO 2014/006217 A9

(51) International Patent Classification:
A61K 39/395 (2006.01) *C07K 16/28* (2006.01)
A61P 35/00 (2006.01) *C07K 16/36* (2006.01)
C07K 16/00 (2006.01)

(21) International Application Number:
PCT/EP2013/064330

(22) International Filing Date:
5 July 2013 (05.07.2013)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PCT/EP2012/063339 6 July 2012 (06.07.2012) EP
PA 2013 00019 10 January 2013 (10.01.2013) DK
61/751,045 10 January 2013 (10.01.2013) US

(71) Applicant: **GENMAB B.V.** [NL/NL]; Yalelaan 60, NL-3584 CM Utrecht (NL).

(72) Inventors: **DE JONG, Rob N.**; c/o Genmab B.V., Yalelaan 60, NL-3584 CM Utrecht (NL). **BEURSKENS, Frank**; c/o Genmab B.V., Yalelaan 60, NL-3584 CM Utrecht (NL). **PARREN, Paul**; c/o Genmab B.V., Yalelaan 60, NL-3584 CM Utrecht (NL). **LABRIJN, Aran Frank**; c/o Genmab B.V., Yalelaan 60, NL-3584 CM Utrecht (NL). **SCHUURMAN, Janine**; c/o Genmab B.V., Yalelaan 60, NL-3584 CM Utrecht (NL). **VLUG, Arjen**; c/o Genmab B.V., Yalelaan 60, NL-3584 CM Utrecht (NL). **VERPLOEGEN, Sandra**; c/o Genmab B.V., Yalelaan 60, NL-3584 CM Utrecht (NL).

(74) Agent: **GENMAB A/S**; Bredgade 34 E, DK-1260 Copenhagen K (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, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, 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, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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, 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).

Published:

— *with international search report (Art. 21(3))*

— *with sequence listing part of description (Rule 5.2(a))*

(48) Date of publication of this corrected version:
26 February 2015

(15) Information about Correction:
see Notice of 26 February 2015

(54) Title: DIMERIC PROTEIN WITH TRIPLE MUTATIONS

(57) Abstract: The present invention relates to dimeric proteins comprising amino acids at three different positions which are different from those present in a human IgG1. Six of said dimeric proteins are capable of forming a hexameric structure in solution.

WO 2014/006217 A9