



- (51) **International Patent Classification:**
C07K 14/20 (2006.01) *C12N 15/62* (2006.01)
- (21) **International Application Number:**
PCT/EP2013/000108
- (22) **International Filing Date:**
16 January 2013 (16.01.2013)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
12000310.8 19 January 2012 (19.01.2012) EP
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(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, KM, 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.

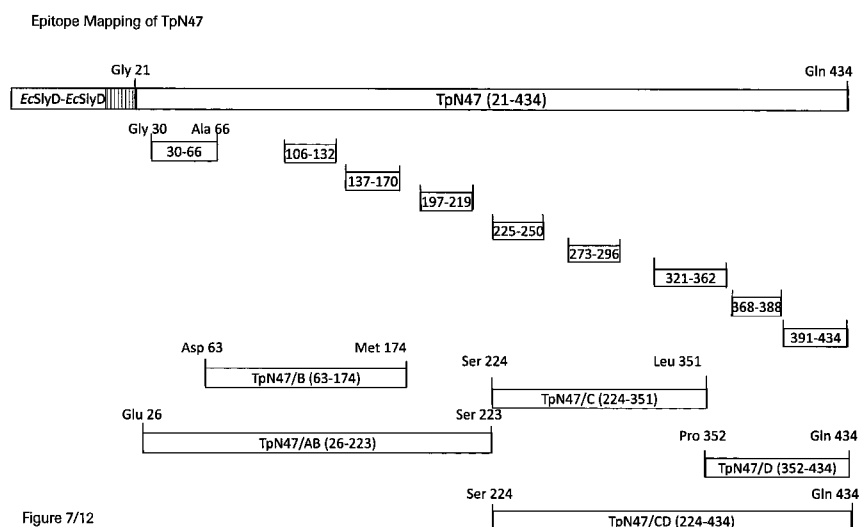
(84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, 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, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

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

(54) **Title:** SOLUBLE IMMUNOREACTIVE *TREPONEMA PALLIDUM* TPN47 ANTIGENS

(57) **Abstract:** The invention concerns soluble variants of *Treponema pallidum* antigen 47 (Tpn47 antigen) comprising at least domain B, or at least domains A and B, optionally domain D of the complete Tpn47 protein molecule with the proviso that all antigens lack domain C (amino acid residues 224 to 351) of Tpn47. The Tpn47 antigens can be fused to a chaperone. Moreover, the invention covers DNA encoding the antigens, a method of producing these antigens as well as the use of these antigens in an immunodiagnostic assay for the detection of antibodies against *Treponema pallidum* in an isolated sample.