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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
30 January 2014 (30.01.2014)

WIPO | PCT

(10) International Publication Number
WO 2014/016360 A1

(51) **International Patent Classification**:
A61K 39/12 (2006.01) *A61K 39/295* (2006.01)

(21) **International Application Number**:
PCT/EP2013/065667

(22) **International Filing Date**:
24 July 2013 (24.07.2013)

(25) **Filing Language**: English

(26) **Publication Language**: English

(30) **Priority Data**:

12305907.3	24 July 2012 (24.07.2012)	EP
12305912.3	25 July 2012 (25.07.2012)	EP

(71) **Applicant** *(for all designated States except US)*: **SANOFI PASTEUR** [FR/FR]; 2 avenue Pont Pasteur, F-69367 LYON Cedex (07) (FR).

(72) **Inventors; and**

(71) **Applicants** *(for US only)*: **BOUCKENOOGHE, Alain** [BE/SG]; 9 Sian Tuan Avenue, Singapore 588279 (SG). **FORRAT, Remi** [FR/FR]; 2, rue Pierre Devaux, F-69360 Serezin du Rhone (FR). **LANG, Jean** [FR/FR]; 118, route de Saint Priest, F-69780 Mions (FR). **SAVILLE, Mélanie** [GB/FR]; 4, rue du Mont d'Or, F-69370 St Didier au Mont D'Or (FR). **TORNIEPORTH, Nadia** [DE/US]; 4272 Kathi Drive, Bethlehem, Pennsylvania 18017-8864 (US).

(74) **Agent**: **COMMANDER, Paul**; Sanofi Pasteur, Intellectual Property Department, 2 avenue Pont Pasteur, F-69367 Lyon Cédex 07 (FR).

(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))*

WO 2014/016360 A1

(54) **Title**: VACCINE COMPOSITIONS

(57) **Abstract**: The present invention relates to vaccine compositions that are useful in a method of protecting a human subject against dengue disease.