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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
05 April 2018 (05.04.2018)

WIPO | PCT

(10) International Publication Number
WO 2018/060210 A1

(51) International Patent Classification:
A61K 9/00 (2006.01) *A61P 19/02* (2006.01)
A61K 38/00 (2006.01) *A61K 47/18* (2017.01)
A61K 9/08 (2006.01) *A61K 47/26* (2006.01)

(21) International Application Number:
PCT/EP2017/074413

(22) International Filing Date:
26 September 2017 (26.09.2017)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
16190957.7 27 September 2016 (27.09.2016) EP

(71) Applicant: **ARES TRADING S.A.** [CH/CH]; Zone Industrielle de L'Ouriettaz, 1170 Aubonne (CH).

(72) Inventors: **DEL RIO, Alessandra**; Via Ildebrando Vivanti 108, 00144 Roma (IT). **SABINA, Carmela**; Via Tiburtina 164, 00019 Tivoli RM (IT).

(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, IR, IS, 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, 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, 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).

Declarations under Rule 4.17:
— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

Published:
— *with international search report (Art. 21(3))*
— *with sequence listing part of description (Rule 5.2(a))*

WO 2018/060210 A1

(54) Title: LIQUID PHARMACEUTICAL COMPOSITION

(57) Abstract: The present invention relates to a novel protein formulation. In particular, the invention relates to a liquid pharmaceutical composition of an antibody directed to Interleukin-6 receptor, a method of manufacturing the composition, a kit including the composition, a package including the composition and to methods of treatment using the composition and/or package.