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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
3 June 2010 (03.06.2010)

PCT

(10) International Publication Number
WO 2010/060748 A1

(51) International Patent Classification:
C07K 14/47 (2006.01)

(21) International Application Number:
PCT/EP2009/064483

(22) International Filing Date:
3 November 2009 (03.11.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
08168166.0 3 November 2008 (03.11.2008) EP

(71) Applicant *(for all designated States except US)*: **MOLECULAR PARTNERS AG** [CH/CH]; Wagistrasse 14, CH-8952 Schlieren (CH).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **BINZ, Hans Kaspar** [CH/CH]; Burstwiesenstrasse 33, CH-8055 Zürich (CH). **FORRER, Patrik** [CH/CH]; Rainackerstrasse 17, CH-8953 Dietikon (CH). **STUMPP, Michael Tobias** [DE/CH]; Chratzstrasse 6, CH-8954 Geroldswil (CH).

(74) Agent: **BECKER, Konrad**; Aeschenvorstadt 24, Postfach 318, CH-4010 Basel (CH).

(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, 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, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (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, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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))*

WO 2010/060748 A1

(54) Title: BINDING PROTEINS INHIBITING THE VEGF-A RECEPTOR INTERACTION

(57) Abstract: The present invention relates to binding proteins specific for VEGF-A, in particular to recombinant binding proteins comprising a binding domain, which inhibits VEGF-Axxx binding to VEGFR-2. Examples of such binding proteins are proteins which comprise an ankyrin repeat domain with the desired binding specificity. The binding proteins are useful in the treatment of cancer and other pathological conditions, e.g. eye diseases such as age-related macular degeneration.