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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
18 February 2010 (18.02.2010)

PCT

(10) International Publication Number
WO 2010/018217 A2

(51) International Patent Classification:
A61K 31/5025 (2006.01) *A61K 31/5513* (2006.01)
A61K 31/517 (2006.01) *A61K 31/553* (2006.01)
A61K 31/522 (2006.01) *A61P 35/00* (2006.01)
A61K 31/55 (2006.01)

(21) International Application Number:
PCT/EP2009/060521

(22) International Filing Date:
13 August 2009 (13.08.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PCT/EP2008/060740
15 August 2008 (15.08.2008) EP
09150252.6 8 January 2009 (08.01.2009) EP
09160682.2 19 May 2009 (19.05.2009) EP

(71) Applicant *(for all designated States except US)*: **BOEHRINGER INGELHEIM INTERNATIONAL GMBH** [DE/DE]; Binger Str. 173, 55216 Ingelheim am Rhein (DE).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **KLEIN, Thomas** [DE/DE]; Boehringer Ingelheim GmbH, CD Patents, Binger Str. 173, 55216 Ingelheim am Rhein (DE). **MARK, Michael** [DE/DE]; Boehringer Ingelheim GmbH, CD Patents, Binger Str. 173, 55216 Ingelheim am Rhein (DE).

(74) Agents: **HAMMANN, Heinz** et al.; Boehringer Ingelheim GmbH, CD Patents, Binger Str . 173, 55216 Ingelheim am Rhein (DE).

(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:

— *without international search report and to be republished upon receipt of that report (Rule 48.2(g))*

WO 2010/018217 A2

(54) **Title**: ORGANIC COMPOUNDS FOR WOUND HEALING

(57) **Abstract**: The present invention relates to the finding that certain DPP-4 inhibitors are particularly suitable for wound healing preferably in diabetic patients.