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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
10 November 2005 (10.11.2005)

PCT

(10) International Publication Number
WO 2005/105754 A1

(51) International Patent Classification[7]: C07D 231/12, A61K 31/41, A61P 3/00

(21) International Application Number: PCT/EP2005/004199

(22) International Filing Date: 20 April 2005 (20.04.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
04101792.2 28 April 2004 (28.04.2004) EP

(71) Applicant *(for all designated States except US)*: **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **ACKERMANN, Jean** [CH/CH]; Im Gloeglihof 16, CH-4125 Riehen (CH). **AEBI, Johannes** [CH/CH]; Wallstrasse 13, CH-4051 Basel (CH). **BINGGELI, Alfred** [CH/CH]; Im Kugelfang 50, CH-4102 Binningen (CH). **GRETHER, Uwe** [DE/DE]; Kirchgasse 4, 79588 Efringen-Kirchen (DE). **HIRTH, Georges** [FR/FR]; 17, rue de la Fecht, F-68000 Colmar (FR). **KUHN, Bernd** [DE/CH]; Sonnmattweg 42, CH-4410 Liestal (CH). **MAERKI, Hans-Peter** [CH/CH]; Seltisbergerstrasse 75, CH-4059 Basel (CH). **MEYER, Markus** [DE/DE]; Erasmusstrasse 23, 79395 Neuenburg (DE). **MOHR, Peter** [CH/CH]; Bekenstrasse 26, CH-4054 Basel (CH). **WRIGHT, Matthew, Blake** [US/CH]; Peter Rot-Strasse 76, CH-4058 Basel (CH).

(74) Agent: **KLOSTERMEYER, Dörte**; Grenzacherstrasse 124, CH-4070 Basel (CH).

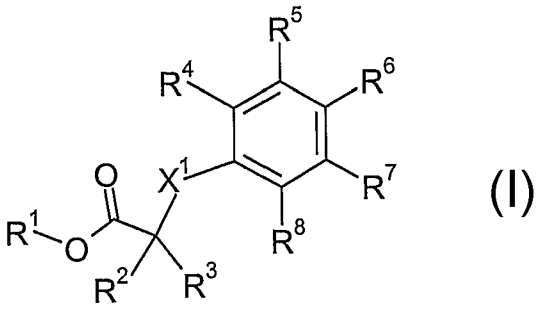
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, 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, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

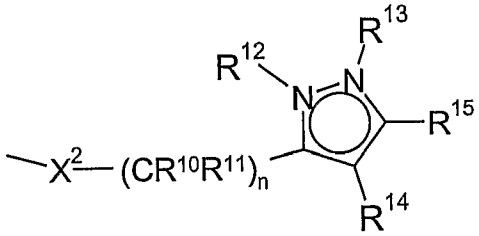
Published:
— *with international search report*

[Continued on next page]

(54) Title: PYRAZOLE PHENYL DERIVATIVES AS PPAR ACTIVATORS



(I)



(II)

(57) Abstract: This invention is concerned with compounds of the formula (I) wherein one of R^5, R^6 and R^7 is (a) and X^1, X^2, R^1 to R^{15} and n are as defined in the description, and pharmaceutically acceptable salts and/or esters thereof. The invention further relates to pharmaceutical compositions containing such compounds, to a process for their preparation and to their use for the treatment and/or prevention of diseases which are modulated by PPARδ and/or PPARα agonists.

WO 2005/105754 A1

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.