

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
14 August 2008 (14.08.2008)

PCT

(10) International Publication Number
WO 2008/096260 A1

(51) International Patent Classification:

C07D 487/04 (2006.01) A61P 3/00 (2006.01)
A61K 31/4162 (2006.01)

YIN, Chunfeng [CN/US]; Pfizer Global Research and Development Inc., 10555 Science Center Drive, San Diego, California 92121 (US).

(21) International Application Number:

PCT/IB2008/000297

(74) Agents: FULLER, Grover F. Jr. et al.; Pfizer Inc., 150 East 42nd Street, New York, New York 10017 (US).

(22) International Filing Date: 4 February 2008 (04.02.2008)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/888,749	7 February 2007 (07.02.2007)	US
60/989,086	19 November 2007 (19.11.2007)	US
61/020,965	14 January 2008 (14.01.2008)	US

(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, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(71) Applicant (for all designated States except US): PFIZER INC. [US/US]; 235 East 42nd, New York, New York 10017 (US).

(72) Inventors; and

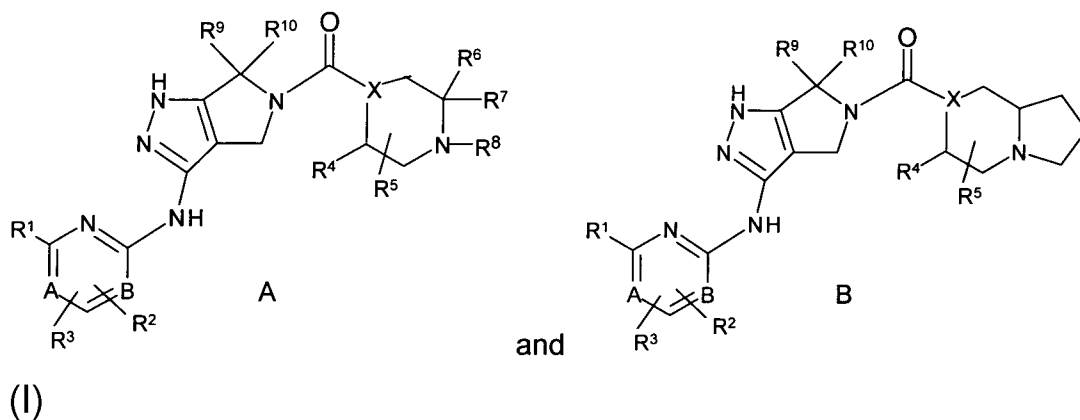
(75) Inventors/Applicants (for US only): LI, Hui [CN/US]; Pfizer Global Research and Development, 10555 Science Center Drive, San Diego, California 92121 (US). NUKUI, Seiji [JP/US]; Pfizer Global Research and Development, 10770 Science Center Drive, San Diego, California 92121 (US). SCALES, Stephanie Anne [US/US]; Pfizer Global Research and Development, 10555 Science Center Drive, San Diego, California 92121 (US). TENG, Min [US/US]; 5185 Seachase Street, San Diego, California 92130 (US).

(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, MT, NL, NO, 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
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(54) Title: 3-AMINO-PYRROLO[3,4-C] PYRAZOLE- 5 (1H, 4H, 6H) CARBALDEHYDE DERIVATIVES AS PKC INHIBITORS

(57) Abstract: The present invention relates to compounds and pharmaceutically acceptable salts of Formulas A and B: (A) and (B) wherein A, B, R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹ and R¹⁰ are as defined above. The invention further relates to pharmaceutical compositions comprising the compounds and pharmaceutically acceptable salts and to methods of treating diabetes mellitus and its complications, cancer, ischemia, inflammation, central nervous system disorders, cardiovascular disease, Alzheimer's disease and dermatological disease, virus diseases, inflammatory disorders, or diseases in which the liver is a target organ.