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

(19) World Intellectual Property Organization
International Bureau

G00002

(43) International Publication Date
26 September 2002 (26.09.2002)

PCT

(10) International Publication Number
WO 02/074754 A1

(51) International Patent Classification[7]: C07D 239/70, 401/04, 403/04, A61K 31/527, A61P 29/00, C07D 405/12, 413/12, 401/12

(21) International Application Number: PCT/EP02/03594

(22) International Filing Date: 18 March 2002 (18.03.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PCT/EP01/03355 21 March 2001 (21.03.2001) EP

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(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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— *of inventorship (Rule 4.17(iv)) for US only*

Published:

— *with international search report*

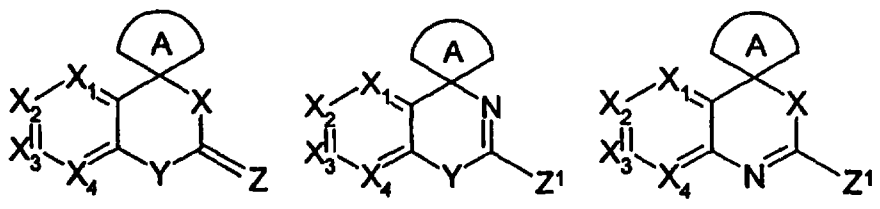
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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(54) Title: NEW SPIROTRICYCLIC DERIVATIVES AND THEIR USE AS PHOSPHODIESTERASE-7 INHIBITORS

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162162



(I) (II) (III)

(57) Abstract: The invention provides compounds which are PDE7 inhibitors, having the following formula (I), (II) and (III), in which X_1, X_2, X_3, X_4, X, Y, Z, A and Z^1 are as defined in the description, methods for preparing them and their use for the treatment of disorders for which therapy by a PDE7 inhibitor is relevant.