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

(19) World Intellectual Property Organization
International Office

*162162*

(43) International Publication Date
15 March 2001 (15.03.2001)

PCT

(10) International Publication Number:
WO 01/18004 A2

(51) International Patent Classification[7]: C07D 487/04, A61K 31/519, A61P 9/00, 15/10 // (C07D 487/04, 239:00, 231:00)

(21) International Application Number: PCT/EP00/08257

(22) International Filing Date:
24 August 2000 (24.08.2000)

(25) Filing Language: German

(26) Publication Language: German

(30) Priority Data:
199 42 474.8 6 September 1999 (06.09.1999) DE

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(81) Designated states *(national)*: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, 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, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

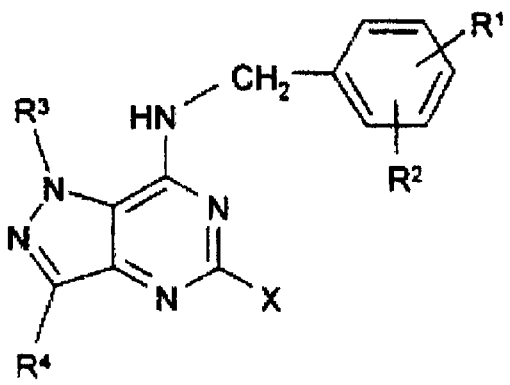
(84) Designated states *(regional)*: ARIPO Patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian Patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European Patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI Patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE,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

**Published:**

— *Without international search report; will be republished after the report is received.*

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

(54) Title: PYRAZOLO[4,3-d]PYRIMIDINES




(I)

(57) Abstract: Pyrazolo[4,3-d]pyrimidines of the formula (I) and their physiologically acceptable salts, in which $R^1$, $R^2$, $R^3$, $R^4$ and X are as defined in Claim (1), exhibit phosphodiesterase V inhibition and can be employed for the treatment of disorders of the cardiovascular system and for the treatment and/or therapy of potency disorders.