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

(19) World Intellectual Property Organization
International Bureau

G00002

(43) International Publication Date
15 August 2002 (15.08.2002)

PCT

(10) International Publication Number
WO 02/062343 A3

(51) International Patent Classification[7]: A61K 31/505, 31/27, A61P 25/22

(21) International Application Number: PCT/EP02/00256

(22) International Filing Date: 14 January 2002 (14.01.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

101 04 800.9	2 February 2001 (02.02.2001)	DE
101 04 801.7	2 February 2001 (02.02.2001)	DE
101 04 802.5	2 February 2001 (02.02.2001)	DE

(71) Applicant *(for all designated States except US)*: **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **EGGEN-WEILER, Hans-Michael** [DE/DE]; Erbacher Strasse 49, 64287 Darmstadt (DE). **EIERMANN, Volker** [DE/DE]; Geranienstrasse 18, 63322 Rödermark (DE). **SCHELLING, Pierre** [CH/DE]; Bordenbergweg 17, 64367 Mühltal (DE).

(74) Common Representative: **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(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, PH, 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, 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).

Published:
— *with international search report*

(88) Date of publication of the international search report:
21 November 2002

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.

162162

WO 02/062343 A3

(54) Title: PHARMACEUTICAL FORMULATION COMPRISING PYRAZOLO[4,3-d]PYRIMIDINES AND ENDOTHELIN RECEPTOR ANTAGONISTS OR THIENOPYRIMIDINES AND ENDOTHELIN RECEPTOR ANTAGONISTS

(57) Abstract: Pharmaceutical preparation comprising at least one phosphodiesterase V inhibitor have, and/or physiologically acceptable salts and/or solvates thereof and at least one endothelin receptor antagonist for the preparation of a medicament for the treatment of angina, high blood pressure, high pulmonary pressure, congestive heart failure (CHF), chronic obstructive pulmonary disease (COPD), cor pulmonale, dextrocardiac insufficiency, atherosclerosis, conditions of reduced patency of the heart vessels, peripheral vascular diseases, strokes, bronchitis, allergic asthma, chronic asthma, allergic rhinitis, glaucoma, irritable bowel syndrome, tumours, renal insufficiency, liver cirrhosis, erectile dysfunction and for the treatment of female sexual disorders.