200306613

10 NOV 2003

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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
9 January 2003 (09.01.2003)

PCT

(10) International Publication Number
WO 03/002556 A1

(51) International Patent Classification[7]: C07D 405/12, 413/12, A61K 31/497, 31/536

(21) International Application Number: PCT/DK02/00435

(22) International Filing Date: 27 June 2002 (27.06.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PA 2001 01036 29 June 2001 (29.06.2001) DK

(71) Applicant *(for all designated States except US)*: **H. LUNDBECK A/S** [DK/DK]; Ottiliavej 9, DK-2500 Valby-Copenhagen (DK).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **ROTTLÄNDER, Mario** [DE/DK]; Harrestrupvang 3C, 2th, DK-2500 Valby (DK). **MOLTZEN, Ejner, Knud** [DK/DK]; Toftekærsvej 29, DK-2820 Gentofte (DK). **MIKKELSEN, Ivan** [DK/DK]; Strandvejen 97, DK-4600 Køge (DK). **RUHLAND, Thomas** [DE/DK]; Østergaards Alle 16, DK-2500 Valby (DK). **ANDERSEN, Kim** [DK/DK]; Ringerbakken 22, DK-2830 Virum (DK). **KROG-JENSEN, Christian** [SE/DK]; Hornemansgade 23, DK-2100 København Ø (DK).

(81) Designated States *(national)*: AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), 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 (utility model), SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

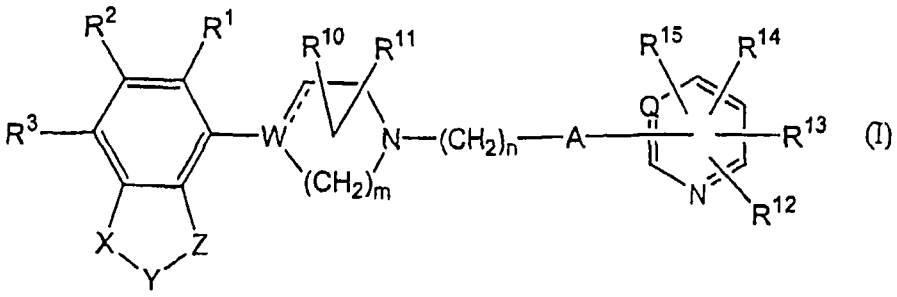
(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,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

Published:
— *with international search report*

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

(54) Title: NOVEL HETEROARYL DERIVATIVES, THEIR PREPARATION AND USE



(57) Abstract: A heteroaryl derivative having the formula (I). The compounds of the invention are considered useful for the treatment of affective disorders such as general anxiety disorder, panic disorder, obsessive compulsive disorder, depression, social phobia and eating disorders, and neurological disorders such as psychosis.

WO 03/002556 A1

ACTION