6 MAY 2002

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : C07D 491/107, 401/06, A61K 31/445 — A1

(11) International Publication Number: WO 99/24436

(43) International Publication Date: 20 May 1999 (20.05.99)

(21) International Application Number: PCT/DK98/00480

(22) International Filing Date: 6 November 1998 (06.11.98)

(30) Priority Data:
1267/97 7 November 1997 (07.11.97) 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)*: MØRK, Niels [DK/DK]; Bakkevej 59, DK-2830 Virum (DK). LOPEZ DE DIEGO, Heidi [DK/DK]; Græsager 105, DK-2980 Kokkedal (DK). NIELSEN, Ole [DK/DK]; Nystedvej 19, DK-2500 Valby (DK).

(74) Common Representative: H. LUNDBECK A/S, Attn John Meidahl Petersen, Ottiliavej 9, DK-2500 Valby-Copenhagen (DK).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, 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
With international search report.

(54) Title: 1'-[4-[1-(4-FLUOROPHENYL)-1*H*-INDOLE-3-YL]-1-BUTYL]-SPIRO[ISOBENZOFURAN-1(3*H*),4'-PIPERIDINE] HYDROHALOGENIDES

(57) Abstract

The present invention relates to a hydrohalogenide of 1'-[4-[1-(4-fluorophenyl)-1*H*-indole-3-yl]-1-butyl]-spiro[isobenzofuran-1(3*H*),4'-piperidine], pharmaceutical compositions containing the acid addition salts and the use thereof for the treatment of psychic and urological disorders.



G00002



162162