9705139-5
RMPLS copy

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : C07D 495/04, A61K 31/55 | A1

(11) International Publication Number: WO 96/30375

(43) International Publication Date: 3 October 1996 (03.10.96)

(21) International Application Number: PCT/US96/03917

(22) International Filing Date: 22 March 1996 (22.03.96)

(30) Priority Data:
08/409,566 24 March 1995 (24.03.95) US

(60) Parent Application or Grant
(63) Related by Continuation
US 08/409,566 (CON)
Filed on 24 March 1995 (24.03.95)

(71) Applicants *(for all designated States except US)*: ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US). LILLY INDUSTRIES LIMITED [GB/GB]; Erl Wood Manor, Windlesham, Surrey GU20 6PH (GB).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: BUNNELL, Charles, A. [US/US]; 3114 Thomas Drive, Lafayette, IN 47905 (US). HENDRIKSEN, Barry, A. [GB/GB]; "Castlewellan", 71 Waltham Avenue, Guildfor, Surrey GU2 6QE (GB). LARSEN, Samuel, D. [US/US]; 3088 Hamilton, West Lafayette, IN 47906 (US).

(74) Agents: VORNDRAN-JONES, MaCharri et al.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published
With international search report.

(54) Title: PROCESS AND CRYSTAL FORMS OF 2-METHYL-THIENO-BENZODIAZEPINE

(57) Abstract

The invention provides Form II, a pharmaceutically elegant, stable polymorph of olanzapine.