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

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
25 May 2001 (25.05.2001)

PCT

(10) International Publication Number
WO 01/035942 A3

(51) International Patent Classification[7]: A61K 31/485, A61P 25/04

(21) International Application Number: PCT/GB00/04372

(22) International Filing Date:
17 November 2000 (17.11.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
9927359.1 19 November 1999 (19.11.1999) GB
60/176,208 14 January 2000 (14.01.2000) US

(71) Applicant *(for all designated States except US)*: **RECKITT BENCKISER HEALTHCARE (UK) LIMITED** [GB/GB]; 103-105 Bath Road, Slough, Berkshire SL1 3UH (GB).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **CHAPLEO, Christopher, Bourne** [GB/GB]; Linden House, The Falconers, Redbourne, Gainsborough DN21 4AS (GB). **MCCORMACK, Keith** [GB/GB]; Church House, Church Square, Leighton Buzzard, Bedfordshire LU7 7AE (GB). **VAREY, Nicolas, Calvert** [GB/GB]; "Caduceus", Main Street, Knedlington, Goole, North Humberside DN14 7EU (GB).

(74) Agent: **DICKSON, Elizabeth, Anne**; Reckitt Benckiser plc, Group Patents Dept., Dansom Lane, Hull HU8 7DS (GB).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, 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, 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, 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, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

(88) Date of publication of the international search report:
13 June 2002

(48) Date of publication of this corrected version:
28 November 2002

(15) Information about Correction:
see PCT Gazette No. 48/2002 of 28 November 2002, Section II

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.

WO 01/035942 A3

(54) Title: ANALGESIC COMPOSITIONS CONTAINING BUPRENORPHINE

(57) Abstract: An analgesic composition in parenteral unit dosage form or in a unit dosage form suitable for delivery via the mucosa comprising an amount of buprenorphine which is less than the clinical dose required to achieve pain relief and an amount of naloxone such that the ratio by weight of buprenorphine to naloxone is in the range of from 12.5:1 to 27.5:1, or an amount of naltrexone or nalmefene such that the ratio by weight of buprenorphine to naltrexone or nalmefene is in the range of from 12.5:1 to 22.5:1, whereby the analgesic action of the buprenorphine is potentiated by the low dose of naloxone, naltrexone or nalmefene.