21/11/03

2003069762

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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
19 December 2002 (19.12.2002)

PCT

(10) International Publication Number
WO 02/100377 A1

(51) International Patent Classification[7]: A61K 9/08, 9/20, 9/48

(21) International Application Number: PCT/SE02/01106

(22) International Filing Date: 7 June 2002 (07.06.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0102036-1 8 June 2001 (08.06.2001) SE

(71) Applicant *(for all designated States except US)*: **AXON BIOCHEMICALS** [SE/NL]; Elsschotlaan 32, NL-9721 WN Groningen (NL).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **WIKSTRÖM, Håkan** [SE/NL]; Elsschotlaan 32, NL-9721 WN Groningen (NL). **DIJKSTRA, Durk** [NL/NL]; De Meidoorn 26, NL-9781 VP Bedum (NL). **CREMERS, Thomas, Ivo, Franchiscus, Hubert** [NL/NL]; Plantsoenstraat 12, NL-9717 KV Groningen (NL).

(74) Agents: **FOGELBERG, Lennart** et al.; Allied Attorneys Chemical AB, Box 24107, S-104 51 Stockholm (SE).

(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, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, 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*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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



ACTION

WO 02/100377 A1

(54) Title: PHARMACEUTICAL FORMULATION FOR THE EFFICIENT ADMINISTRATION OF APOMORPHINE, 6aR-(-)-N-PROPYL-NORAPOMORPHINE AND THEIR DERIVATIVES AND PRO-DRUGS THEREOF

(57) Abstract: An efficient pharmaceutical formulation for the treatment of an affliction selected from the group consisting of Parkin-son's disease, restless legs syndrome, male erectile dysfunc-tion and female sexual dysfunction is disclosed. Said composition comprises at least one member selected from the group consisting of apomorphine, 6aR-(-)-N-propyl-norapomorphine and their derivatives and pro-drugs thereof in the form of the base or the pharmaceutically acceptable salts or solvates thereof as an active ingredient in a pharmaceutical prepara-tion suited for oral/intraduodenal administration.