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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
22 September 2005 (22.09.2005)

PCT

(10) International Publication Number
WO 2005/087194 A1

(51) International Patent Classification[7]: A61K 9/00, 9/107, 9/48, 9/16, 9/20, 9/14, 9/70, 31/565

(21) International Application Number: PCT/IB2005/000665

(22) International Filing Date: 10 March 2005 (10.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

04075713.0	10 March 2004 (10.03.2004)	EP
60/551,355	10 March 2004 (10.03.2004)	US

(71) Applicant *(for all designated States except US)*: **SCHERING AKTIENGESELLSCHAFT** [DE/DE]; Müllerstrasse 178, 13342 Berlin (DE).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **FUNKE, Adrian** [DE/DE]; Seestrasse 7, 10587 Berlin (DE). **WAGNER, Torsten** [DE/DE]; Stasse 163, Nr. 4, 13127 Berlin (DE).

(74) Agent: **WAGNER, Kim**; Plougmann & Vingtoft A/S, Sundkrogsgade 9, P.O. Box 831, DK-2100 Copenhagen (DK).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, 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, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (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.

(54) Title: COMPOSITIONS COMPRISING DROSPIRENONE MOLECULARLY DISPERSED

(57) Abstract: The present invention relates to pharmaceutical composition comprising steroidal drugs, such as drospirenone, in molecularly dispersed form. Preferably, the compositions are provided as solid, semi-solid or liquid forms, which in turn preferably are adapted for oral administration and preferably to be absorbed from the gastro-intestinal tract. Such compositions are found to have high bioavailability, good chemical stability, and fast in-vitro dissolution release and can be produced under conditions, which do not require costly equipment or safety guards.

WO 2005/087194 A1