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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
13 December 2007 (13.12.2007)

PCT

(10) International Publication Number
WO 2007/141308 A1

(51) International Patent Classification:
A61K 9/16 (2006.01) *A61K 31/505* (2006.01)

(21) International Application Number:
PCT/EP2007/055607

(22) International Filing Date: 6 June 2007 (06.06.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
06115029.8 6 June 2006 (06.06.2006) EP

(71) Applicant *(for all designated States except US)*: **TIBOTEC PHARMACEUTICALS LTD.** [IE/IE]; Eastgate Village, Eastgate, Little Island, Co Cork (IE).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **KIEKENS, Filip Rene Irene** [BE/BE]; Mosselgoren 44, B-2440 Geel (BE). **VOORSPOELS, Jody Firmin Marceline** [BE/BE]; Zevekotestraat 15, B-8970 Reningelst (BE). **BAERT, Lieven Elvire Colette** [BE/BE]; Jozef Van Walleghemstraat 11, B-8200 Brugge 2 (BE).

(74) Agent: **WANTE, Dirk**; Tibotec-Virco Comm. VA, J & J Patent Law department, Generaal De Wittelaan L 11B 3, B-2800 Mechelen (BE).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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, LV, MC, MT, 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.

WO 2007/141308 A1

(54) Title: PROCESS FOR PREPARING SPRAY DRIED FORMULATIONS OF TMC125

(57) Abstract: This invention relates to a process for producing a spray-dried powder comprising microcrystalline cellulose in a solid dispersion of the anti-HIV compound etravirine (TMC125) in a water-soluble polymer.