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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
28 September 2006 (28.09.2006)

PCT

(10) International Publication Number
WO 2006/102232 A3

(51) International Patent Classification:
A61K 31/137 (2006.01)

(21) International Application Number:
PCT/US2006/010022

(22) International Filing Date: 17 March 2006 (17.03.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/664,290 22 March 2005 (22.03.2005) US

(71) Applicant *(for all designated States except US)*: **REPROS THERAPEUTICS INC.** [US/US]; 2408 Timberloch Place, Suite B-1, The Woodlands, Texas 77380 (US).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **PODOLSKI, Joseph** [US/US]; 3 Pebble Hollow Court, The Woodlands, Texas 77381 (US).

(74) Agents: **SCOTT, Teddy, C., Jr.** et al.; HOWREY LLP, DOCKETING DEPARTMENT, 2941 Fairview Park Drive, Suite 200, Falls Church, Virginia 22042-9922 (US).

(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, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, 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.

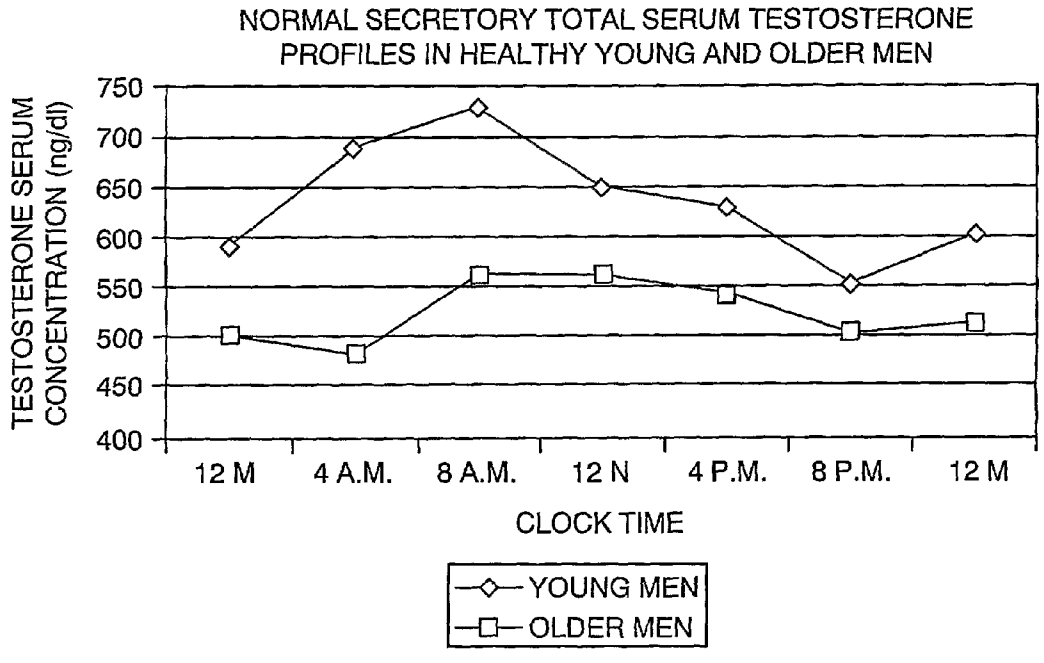
(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT,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

(88) Date of publication of the international search report:
12 April 2007

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: DOSING REGIMES FOR TRANS-CLOMIPHENE



(57) Abstract: The present invention relates to the use of compositions comprising ?Tww-clomiphene for treating men with hypogonadism. The invention is also directed to methods for treating males with hypogonadism and disorders related thereto, including reduction of muscle mass, limitation of body performance capacity, reduction of bone density, reduction of libido, reduction of potency, reduction of benign prostatic hyperplasia and infertility.

WO 2006/102232 A3