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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
23 December 2010 (23.12.2010)

PCT

(10) International Publication Number
WO 2010/146406 A1

(51) International Patent Classification:
A61K 9/14 (2006.01) *A61K 31/4184* (2006.01)

(21) International Application Number:
PCT/HU2010/000070

(22) International Filing Date:
18 June 2010 (18.06.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

P0900383	19 June 2009 (19.06.2009)	HU
P1000215	19 April 2010 (19.04.2010)	HU

(71) Applicant *(for all designated States except US)*: **NANOFORM HUNGARY LTD.** [HU/HU]; Gyártelep hrsz 1485/14., H-8184 Balatonfűzfő (HU).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **FILIPCSEI, Genovéva** [HU/HU]; Bajnok utca 15.1/9., H-1063 Budapest (HU). **ÖTVÖS, Zsolt** [HU/HU]; Raisio utca 4.1/2., H-6640 Csongrád (HU). **PONGRÁCZ, Katalin** [HU/HU]; Ady Endre út 23-25/C., H-1221Budapest (HU). **DARVAS, Ferenc** [HU/HU]; Lisznai utca 15., H-1016 Budapest (HU).

(74) Common Representative: **NANOFORM HUNGARY LTD.**; Gyártelep hrsz 1485/14., H-8184 Balatonfűzfő (HU).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, 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, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

— *of inventorship (Rule 4.17(iv))*

Published:

— *with international search report (Art. 21(3))*

WO 2010/146406 A1

(54) Title: NANOPARTICULATE TELMISARTAN COMPOSITIONS AND PROCESS FOR THE PREPARATION THEREOF

(57) Abstract: The present invention is directed to nanostructured (nanoparticulated) Telmisartan compositions, process for the preparation thereof and pharmaceutical compositions containing them. The nanoparticles of Telmisartan according to the invention have an average particle size of less than about 600 nm. Telmisartan is an angiotensin II receptor antagonist (ARB) used in the management of hypertension.