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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
5 January 2006 (05.01.2006)

PCT

(10) International Publication Number
WO 2006/000228 A2

(51) International Patent Classification:
A61K 9/00 (2006.01)

(21) International Application Number:
PCT/DK2005/000435

(22) International Filing Date: 28 June 2005 (28.06.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PA 2004 01021 29 June 2004 (29.06.2004) DK

(71) Applicant *(for all designated States except US)*: **NYCOMED DANMARK APS** [DK/DK]; Langebjerg 1, DK-4000 Roskilde (DK).

(72) Inventor; and
(75) Inventor/Applicant *(for US only)*: **BERTELSEN, Poul** [DK/DK]; Grøndals Parkvej 54, DK-2720 Vanløse (DK).

(74) Agent: **PLOUGMANN & VINGTOFT A/S**; Sundkrogsgade 9, Post Office Box 831, DK-2400 Copenhagen Ø (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, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, 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, 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:
— *without international search report and to be republished upon receipt of that 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 2006/000228 A2

(54) Title: MANUFACTURING OF QUICK RELEASE PHARMACEUTICAL COMPOSITIONS OF WATER INSOLUBLE DRUGS AND PHARMACEUTICAL COMPOSITIONS OBTAINED BY THE PROCESS OF THE INVENTION

(57) Abstract: It has been found that pharmaceutical compositions comprising water insoluble drugs can be manufactured and formulated in a manner ensuring fast dissolution in gastric fluid. Advantageously, the manufacturing process provides a significantly improved stability, thus resulting in compositions that may have a longer shelf life than conventionally formulated and processed drugs.