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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
3 February 2005 (03.02.2005)

PCT

(10) International Publication Number
WO 2005/009472 A3

(51) International Patent Classification[7]: A61K 47/44, 45/06

(21) International Application Number: PCT/IB2004/002474

(22) International Filing Date: 19 July 2004 (19.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/492,178 31 July 2003 (31.07.2003) US

(71) Applicant *(for all designated States except US)*: **PHARMACIA & UPJOHN COMPANY LLC** [US/US]; 301 Henrietta, Kalamazoo, MI 49001 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **BRITTEN, Nancy, Jean** [US/US]; Pfizer Global Research and Development, 301 Henrietta Street, Kalamazoo, MI 49001 (US). **WALDRON, Niki, Ann** [US/US]; Pfizer Global Research and Development, 301 Henrietta Street, Kalamazoo, MI 49001 (US). **WATTS, Jeffrey, Lynn** [US/US]; Pfizer Global Research and Development, 301 Henrietta Street, Kalamazoo, MI 49001 (US). **HALLBERG, John, Walter** [US/US]; Pfizer Global Research and Development, 301 Henrietta Street, Kalamazoo, MI 49001 (US). **BURNS, John, William II** [US/US]; 812 4th Avenue #8, Antigo, WI 54409 (US).

(74) Agent: **FULLER, Grover, F., Jr.**; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (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, 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, 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, IT, 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*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
7 April 2005

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: DISPERSIBLE PHARMACEUTICAL COMPOSITION FOR TREATMENT OF MASTITIS AND OTIC DISORDERS

(57) Abstract: A method is provided for treatment and/or prevention of an infective condition in a fluid-containing organ having a natural exterior orifice, such as the udder of a milk-producing animal or an ear of a subject. The invention also relates to a dispersible pharmaceutical composition suitable for infusion into the organ according to the method of the invention, and to a process for preparing such a composition.

WO 2005/009472 A3