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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
10 November 2005 (10.11.2005)

PCT

(10) International Publication Number
WO 2005/105101 A1

(51) International Patent Classification[7]: A61K 31/54, A61P 31/00

(21) International Application Number: PCT/EP2005/004344

(22) International Filing Date: 22 April 2005 (22.04.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10 2004 021 281.3 29 April 2004 (29.04.2004) DE

(71) Applicant *(for all designated States except US)*: **BOEHRINGER INGELHEIM VETMEDICA GMBH** [DE/DE]; Binger Strasse 173, 55216 INGELHEIM (DE).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **FRITON, Gabriele** [DE/DE]; Erlenstrasse 26, 73540 HEUBACH (DE). **LANG, Ingo** [DE/DE]; Gänsmarkt 7, 55128 MAINZ (DE).

(74) Common Representative: **BOEHRINGER INGELHEIM VETMEDICA GMBH**; Binger Strasse 173, 55216 INGELHEIM (DE).

(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, 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:**
— *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 2005/105101 A1

(54) Title: USE OF MELOXICAM FORMULATIONS IN VETERINARY MEDICINE

(57) Abstract: The invention is directed to the use of a formulation containing meloxicam or a pharmacologically acceptable meloxicam salt of an organic or inorganic base, one or more vehicles and one or more suitable additives for preparing a veterinary medical composition for intramammary treatment of inflammatory diseases in mammals, particularly mastitis. The intramammary administration leads to an effective concentration in the target tissue, which is achieved very quickly.