

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
2 March 2006 (02.03.2006)

PCT

(10) International Publication Number
WO 2006/021397 A1

(51) International Patent Classification⁷: **C07D 211/90**,
A61K 31/4422, A61P 9/12

(21) International Application Number:
PCT/EP2005/009043

(22) International Filing Date: 22 August 2005 (22.08.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/604,149 24 August 2004 (24.08.2004) US

(71) Applicant (for all designated States except IT, US):
RECORDATI IRELAND LIMITED [IE/IE]; Raheens
East, Ringsaskiddy, Co. Cork (IE).

(71) Applicant (for IT only): **RECORDATI INDUSTRIA
CHIMICA E FARMACEUTICA S.p.A.** [IT/IT]; Via
Matteo Civitali, 1, I-20148 Milano (IT).

(72) Inventors: **LEONARDI, Amadeo**; Via Poliziano, 16,
I-20154 Milano (IT). **MOTTA, Gianni**; Via Ungaretti,
10, I-20030 Barlassina (IT). **VON RAUMER, Markus**;
WKL 127.502, Klybeckstrasse 191, CH-4002 Basel (CH).

(74) Agent: **SERJEANTS**; 25 The Crescent, King Street, Le-
icester LE1 6RX (GB).

(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, 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

(48) Date of publication of this corrected version:
27 April 2006

(15) Information about Correction:
see PCT Gazette No. 17/2006 of 27 April 2006

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: LERCANIDIPINE SALTS

(57) Abstract: The invention relates to new addition salts comprising lercanidipine and an acid counterion selected from the group consisting of: (i) inorganic acids, (ii) sulphonic acids, (iii) monocarboxylic acids, (iv) dicarboxylic acids, (v) tricarboxylic acids, and (vi) aromatic sulphonimides, with the proviso that said acid counterion is not hydrochloric acid. In particular, both amorphous and crystalline salts of lercanidipine with benzenesulphonic and naphthalene- 1,5-disulphonic acids are disclosed, as are amorphous salts of lercanidipine with several other acid counterions.

WO 2006/021397 A1