



(51) International Patent Classification:
A61K 9/50 (2006.01) *A61K 31/445* (2006.01)

(21) International Application Number:
PCT/IB2010/003196

(22) International Filing Date:
1 December 2010 (01.12.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/265,823 2 December 2009 (02.12.2009) US
61/354,575 14 June 2010 (14.06.2010) US

(71) Applicant (for all designated States except US): **EU-RAND PHARMACEUTICALS LIMITED** [IE/IE]; The Yard House - Killruddery Estate, Southern Cross Road, Bray, Co. Wicklow (IE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MAPELLI, Luigi** [IT/IT]; Via Bettino da Trezzo 14, I-20125 Milano (IT). **FABIANI, Flavio** [IT/IT]; Via S. Francesco d'Assese, 50, I-20050 Ronco Briantion (IT). **BOLTRI, Luigi** [IT/IT]; Via Padre Clemente Vismara, 127, I-20041

Agrate Brianza (IT). **GATTI, Paolo** [IT/IT]; Via Ludovico Ariosto, 123, I-20099 Sesto San Giovanni (IT). **SER-RATONI, Mauro** [IT/IT]; Via Fratelli di Dio, 8, I-20012 Cuggiono (IT). **CASSANMAGNAGO, Roberto** [IT/IT]; Via Della Resistenza, 2/B, I-20050 Macherio (IT).

(74) Agents: **KREMER, Simon, M.** et al.; Mewburn Ellis LLP, 33 Gutter Lane, London, EC2V 8AS (GB).

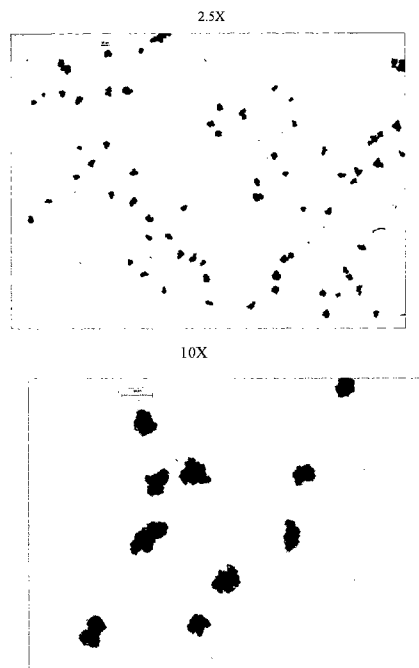
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, 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,

[Continued on next page]

(54) Title: FEXOFENADINE MICROCAPSULES AND COMPOSITIONS CONTAINING THEM

Figure 1



(57) Abstract: The present invention provides a pharmaceutical composition comprising taste-masked immediate release microcapsules which comprise fexofenadine and a water-insoluble polymer coating. These microcapsules and the pharmaceutical compositions comprising them have suitable drug content and desirable pharmaceutical properties, including a quick dissolution rate of fexofenadine combined with a taste masking effect.



EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU,
LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,
SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

— *before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments (Rule 48.2(h))*

Published:

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

(88) Date of publication of the international search report:

5 January 2012