

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International patent classification⁶: A61K 31/44, 9/54	A1	(11) International publication number: WO 99/38511 (43) International publication date: 5 August 1999 (05.08.99)
(21) International application number: PCT/FR98/01783 (22) International filing date: 10 August 1998 (10.08.98) (30) Data relating to the priority: 98/01,098 30 January 1998 (30.01.98) FR (71) Applicant (for all designated States except US): ETHYPHARM [ES/ES]; Centro Colon, Marqués de la Ensenada, 16, E-24004 Madrid (ES). (72) Inventors; and (75) Inventors/Applicants (US only): DEBREGEAS, Patrice [FR/FR]; 30, rue des Saints Pères, F-75007 Paris (FR). LEDUC, Gérard [FR/FR]; La Grange, Labrosse, F-45330 Malesherbes (FR). OURY, Pascal [FR/FR]; 47, boulevard Saint Germain, F-75005 Paris (FR). SUPLIE, Pascal [FR/FR]; 11, rue du 8 Mai 1945, F-27400 Montaure (FR). (74) Representatives: MARTIN, Jean-Jacques etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).		(81) Designated states: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO Patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian Patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European Patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI Patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With the International Search Report.</i> <i>With the amended Claims.</i>
As printed (54) Title: GASTROPROTECTED OMERPRAZOLE MICROGRANULES, METHOD FOR OBTAINING SAME AND PHARMACEUTICAL PREPARATIONS (54) Titre: MICROGRANULES D'OMEPRAZOLE GASTROPROTEGES, PROCEDE D'OBTENTION ET PREPARATIONS PHARMACEUTIQUES (57) Abstract The invention concerns omeprazole microgranules each comprising an active layer containing the active principle, and an outer gastroprotecting layer containing a gastroprotecting agent, characterised in that the omeprazole is combined with at least a hydrophobic substance. (57) Abrégé La présente invention concerne des microgranules d'oméprazole comportant chacun une couche active contenant le principe actif, et une couche externe de gastroprotection contenant un agent de gastroprotection, caractérisés en ce que l'oméprazole est associé à au moins une substance hydrophobe.		