

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number
WO 2005/084444 A1

(51) International Patent Classification⁷: **A01N 61/00**,
A61K 31/00, 39/002, 39/005, 39/008, 45/00, 47/00

(21) International Application Number:
PCT/US2005/003994

(22) International Filing Date: 8 February 2005 (08.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/774,928 9 February 2004 (09.02.2004) US

(71) Applicant (for all designated States except US): **ASTRALIS LLC** [US/US]; 75 Passaic Avenue, Fairfield, NJ 07004 (US).

(72) Inventor: **O'DALY, Jose, Antonio**; 29 Deanna Drive, East Hanover, NJ 07931 (US).

(74) Agents: **MCGUIRE, George, R** et al.; Bond, Schoeneck & King, PLLC, One Lincoln Center, Syracuse, NY 13202 (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, 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.

(54) Title: COMPOSITIONS AND METHODS FOR THE TREATMENT AND CLINICAL REMISSION OF PSORIASIS

(57) Abstract: A treatment for psoriasis and related maladies has a mechanism of action that includes an inhibition or blockade of T cell rolling by interference with the CLA-E selectin interaction and interference of endothelial binding or diapedesis by induced by blocking the LFA-1/ICAM interaction and/or the VLA/VCAM interaction with endothelial cells.



WO 2005/084444 A1