

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
24 August 2006 (24.08.2006)

PCT

(10) International Publication Number
WO 2006/089082 A3

(51) International Patent Classification:
A01N 25/00 (2006.01)

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(21) International Application Number:
PCT/US2006/005575

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(22) International Filing Date:
17 February 2006 (17.02.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/653,964 17 February 2005 (17.02.2005) US
60/661,920 16 March 2005 (16.03.2005) US
60/664,181 23 March 2005 (23.03.2005) US
60/664,183 23 March 2005 (23.03.2005) US
60/664,939 25 March 2005 (25.03.2005) US
60/664,938 25 March 2005 (25.03.2005) US
60/665,525 28 March 2005 (28.03.2005) US
60/669,888 11 April 2005 (11.04.2005) US
60/670,651 13 April 2005 (13.04.2005) US
60/693,942 27 June 2005 (27.06.2005) 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, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, 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).

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Published:
— with international search report

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(88) Date of publication of the international search report:
12 July 2007

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: TRANSMUCOSAL ADMINISTRATION OF DRUG COMPOSITIONS FOR TREATING AND PREVENTING DISORDERS IN ANIMALS

(57) Abstract: The invention includes compositions for transmucosal administration to an animal comprising at least one active agent and a pharmaceutically acceptable carrier. A preferred active agent is selected from the group consisting of meloxicam, carprofen, enrofloxacin, clemastine, diphenhydramine, digoxin, levothyroxine, cyclosporine, ondansetron, lysine, zolpidem, propofol, nitenpyram, ivermectin, milbemycin, and pharmaceutically acceptable salts, solvates and esters thereof. In another embodiment, the invention includes methods of treating or preventing a condition in an animal comprising transmucosally administering a composition comprising a therapeutically or prophylactically effective amount of an active agent and a pharmaceutically acceptable carrier.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/05575

A. CLASSIFICATION OF SUBJECT MATTER

IPC: **A01N 25/00**(2006.01)

USPC: 424/405

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 424/405

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/0229038 A1 (COOPER et al.) 18 November 2004 (18.11.2004), see paragraphs [0012], [0025], [0030], [0035], [0050] - [0052], [0064] - [0080], [0129] - [0137], [0143] - [0159] and [0180].	1-14 and 18-21
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Y		15-17
Y	US 6,610,711 B2 (ARMER et al.) 26 August 2003 (26.08.03), see col. 2, lines 50-65.	16 and 17
Y	THE MERCK INDEX. 11th Edition, published in 1989 by Merck & Co., Inc., (NJ), see page 366, citation No. 2345, "Clemastine".	15

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"&"

document member of the same patent family

Date of the actual completion of the international search

21 March 2007 (21.03.2007)

Date of mailing of the international search report

10 APR 2007

Name and mailing address of the ISA/US

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