(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
6 November 2003 (06.11.2003)

PCT

(10) International Publication Number
WO 03/090599 A2

(51) International Patent Classification[7]: A61B

(21) International Application Number: PCT/IL03/00338

(22) International Filing Date: 25 April 2003 (25.04.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/376,048 25 April 2002 (25.04.2002) US
60/461,232 8 April 2003 (08.04.2003) US

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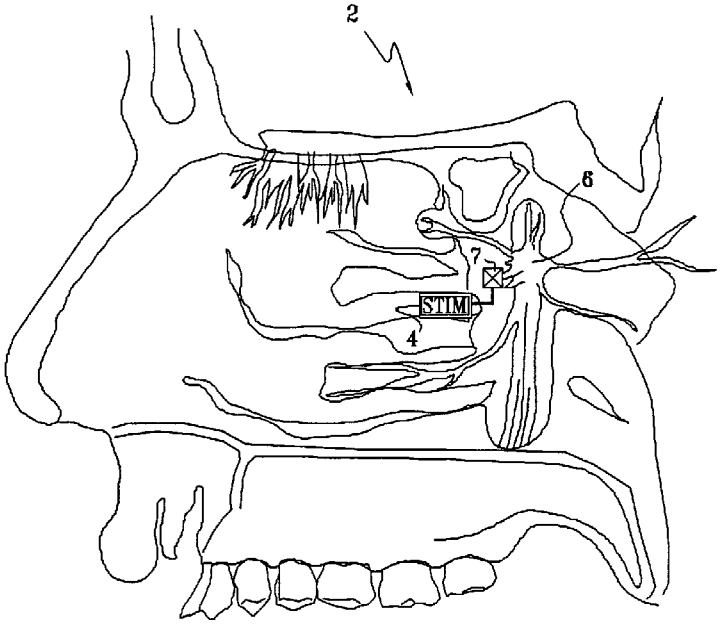
(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *without international search report and to be republished upon receipt of that 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: METHODS AND APPARATUS FOR MODIFYING PROPERTIES OF THE BBB AND CEREBRAL CIRCULATION BY USING THE NEUROEXCITATORY AND/OR NEUROINHIBITORY EFFECTS OF ODORANTS ON NERVES IN THE HEAD



(57) Abstract: A method for modifying a property of a brain of a patient includespresenting an odorant to an air passage of the patient, the odorant havingbeen selected for presentation to the air passage because it is such as toincrease conductance of molecules from a systemic blood circulation of thepatient through a blood brain barrier (BBB) of the brain into brain tissueof the patient. The molecules are selected from the group consisting of: apharmacological agent, a therapeutic agent, an endogenous agent, and anagent for facilitating a diagnostic procedure.

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