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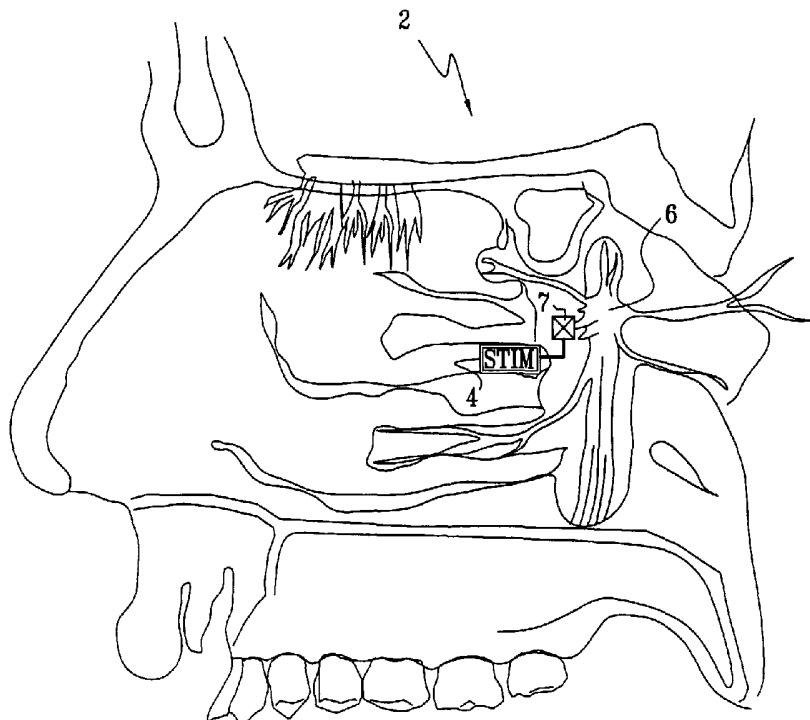
(43) International Publication Date
24 December 2003 (24.12.2003)

PCT

(10) International Publication Number
WO 2003/105658 A3

- (51) International Patent Classification⁷: **A61N 1/00**
- (21) International Application Number:
PCT/IL2003/000508
- (22) International Filing Date: 13 June 2003 (13.06.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/388,931 14 June 2002 (14.06.2002) US
10/294,310 14 November 2002 (14.11.2002) 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:
— with international search report
- (88) Date of publication of the international search report:
18 March 2004
- 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 SYSTEMS FOR MANAGEMENT OF ALZHEIMER'S DISEASE



(57) Abstract: Methods of diagnosing and treating Alzheimer's disease (AD) are provided. The methods include stimulating the sphenopalatine ganglion (SPG) (6) of a subject with an olfactory or electrical stimulator (4) so that the concentration of a substance in the subject's brain changes.

WO 2003/105658 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL03/00508

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|---|--|---|
| A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A61N 1/00 US CL : 607/1 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. : 128/898-899; 607/1-3, 115-116,118 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 --- A | US 6,325,475 B1 (HAYES et al) 04 December 2001 (04.12.2001), Figs. 1-3, Col. 7, line 29-Col. 8, line 36, Col.19, line 19-Col. 22, line 3. | 164-173, 176-177 ----- 97, 99, 107, 115, 117, 121, 129, 139, 146, 148, 150, 152, 154, 156, 158 |
| X --- A | US 6,338,715 B1 (HAYES et al) 15 January 2002 (15.01.2002), whole document. | 164-173 ----- 97, 99, 107, 115, 117, 121, 129, 139, 146, 148, 150, 152, 154, 156, 158 |
| A | US 5,792,100 A (SHANTHA) 11 August 1998 (11.08.1998), Col. 2, lines 25-31, Col. 5, lines 23-35, Col. 6, line 48-Col. 7, line 10. | 96, 98, 105, 115-116, 119, 127, 137-138, 145, 147, 149, 151, 153, 155 |
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| Date of the actual completion of the international search 19 October 2003 (19.10.2003) | Date of mailing of the international search report 29 DEC 2003 | |
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