



- (51) International Patent Classification: *A61N 1/00* (2006.01)
- (21) International Application Number: PCT/US2013/029679
- (22) International Filing Date: 7 March 2013 (07.03.2013)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 61/608,631 8 March 2012 (08.03.2012) US
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

[Continued on next page]

(54) Title: GASTROINTESTINAL NEUROMODULATION AND ASSOCIATED SYSTEMS AND METHODS

(57) Abstract: Methods for treating gastrointestinal conditions, conditions associated with sympathetic and/or parasympathetic activity in the gastrointestinal organs, and conditions associated with central sympathetic and/or parasympathetic activity in a patient with therapeutic gastrointestinal neuromodulation and associated systems and methods are disclosed herein. One aspect of the present technology is directed to methods that at least partially inhibit sympathetic neural activity in nerves proximate a gastrointestinal artery of a gastrointestinal organ of a patient. Sympathetic drive in the patient can thereby be reduced in a manner that treats the patient for the gastrointestinal condition.

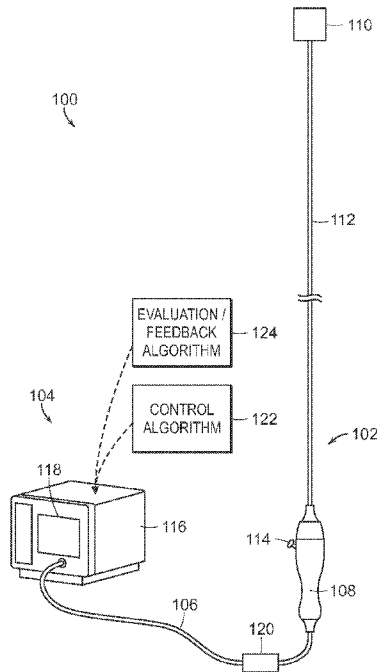


FIG. 3

WO 2013/134541 A3

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report (Art. 21(3))*

(88) Date of publication of the international search report:

28 August 2014

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 13/29679

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - A61N 1/00 (2013.01) USPC - 607/40 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) IPC(8) - A61N 1/00 (2013.01) USPC - 607/40 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched IPC(8) - A61N 1/00 (2013.01) USPC - 607/40, 133, 45 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWEST (PGPB, USPT, EPAB, JPAB); PatBase; Google (Patents, Scholar, Web) Search Terms: Gastrointestinal, crohn's, ulcerative, collagenous, lymphocytic, ischaemic, diversion, colitis, behcet's, irritable bowel, neuromodulation, intravascular, vascular, artery, vein, vessel, mesenteric, reduce, diminish, decrease, lessen, inhibit, prevent, restrict																
C. DOCUMENTS CONSIDERED TO BE RELEVANT																
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Date of the actual completion of the international search 23 April 2013 (23.04.2013)	Date of mailing of the international search report 08 MAY 2013															
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