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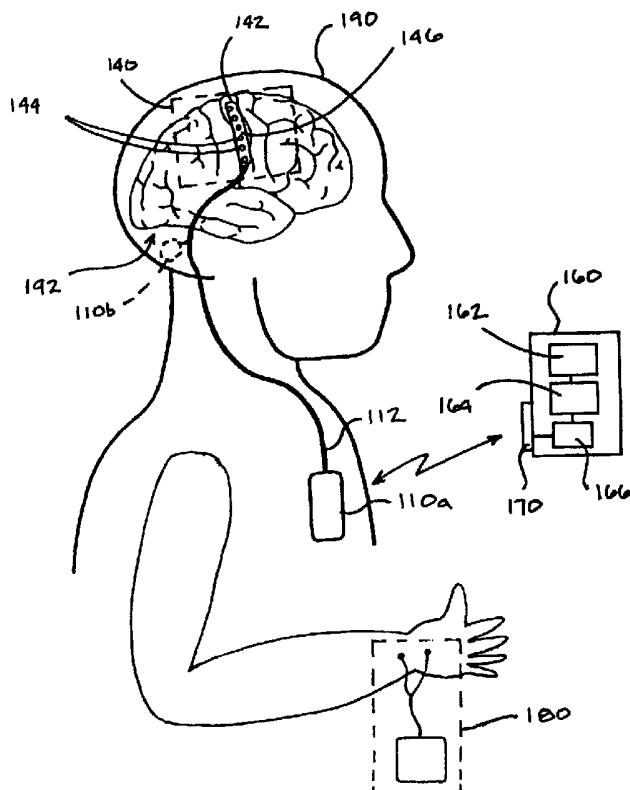
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(54) Title: SYSTEMS AND METHODS FOR ENHANCING OR OPTIMIZING NEURAL STIMULATION THERAPY FOR TREATING SYMPTOMS OF PARKINSON'S DISEASE AND/OR OTHER MOVEMENT DISORDERS



(57) Abstract: Systems and methods for treating a neurological disorder comprising determining a first set of neural stimulation parameters capable of treating a first subset of symptoms, determining a second set of neural stimulation parameters capable of treating a second subset of symptoms, and applying a neural stimulation therapy based upon the first set of neural stimulation parameters and the second set for neural stimulation parameters to the patient. The first set of neural stimulation parameters can include electrical stimulation at a first frequency, and the second set of neural stimulation parameters can include electrical stimulation at a second frequency. The apparatus includes electrode contacts (144), stimulator (110), and a lead (112).



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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.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/39596

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61N 1/36

US CL : 607/45

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. : 607/45-75

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.
Y	US 6,484,059 B2 (GIELEN) 19 November 2002 (19.11.2002), see entire document.	1,2,5-10,17-21,27-29
Y	US 6,066,163 A (JOHN) 23 May 2000 (23.05.2000), see entire document.	1,2,5-11,17-32,34-38,40,44,45

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

☐ See patent family annex.

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