METHODS AND APPARATUS FOR INTRAVASCULARLY-INDUCED NEUROMODULATION OR DENERVATION

Abstract: Methods and apparatus are provided for intravascularly-induced neuromodulation or denervation. Neuromodulation may be achieved via direct and/or via indirect application of energy or neuromodulatory agents to target neural matter, or to vascular structures that support the target neural matter. In some embodiments, parameters of the target neural matter, of non-target tissue, or of the apparatus may be monitored via one or more sensors for controlling the neuromodulation or denervation. Such monitoring data optionally may be utilized for feedback control of the neuromodulation or denervation.
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6 November 2008
INTERNATIONAL SEARCH REPORT

INTERNATIONAL APPLICATION NO.
PCT/ISA07/84701

A. CLASSIFICATION OF SUBJECT MATTER

IPC: \textbf{A61N} 1/36 (2006.01)

USPC: 607/2

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.: 607/2

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

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim(s)</th>
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</thead>
<tbody>
<tr>
<td>X</td>
<td>US 6,292,695 (WEBSTER, JR. et al) 18 September 2001 (18.09.2001), see abstract, col. 4, lines 20-37, col. 6, line 35-Column 9, line 59.</td>
<td>1-5, 7-9, 11-13, 15-20, 22 and 25-37</td>
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Further documents are listed in the continuation of Box C.

See patent family annex.

Date of the actual completion of the international search
21 May 2008 (2.05.2008)

Name and mailing address of the ISA/US
Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (571) 273-3201

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Authorized officer
Carl H. Layno
Telephone No. 571-272-2975

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