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Title: ELECTRODE ASSEMBLY FOR A STIMULATING MEDICAL DEVICE

Abstract: A guide tube that may be used to successfully implant a perimodiolar electrode carrier and other electrode carriers in cochlea of different sizes with minimal potential for tip fold over and trauma to modiolus. Specifically, the following embodiments of the guide tube of the present invention overcome the wide variations in cochlea size by comprising a flexible distal end region and a rigid guide tube body. The distal end region is sufficiently flexible to adjust its shape in response to forces applied to the distal end region by the electrode carrier positioned within its lumen. By adjusting; that is, bending, to an extent dictated by the amount the electrode carrier extends through the distal end region, and whether the distal end region abuts a cochlea structure, particularly, the modiolus.
INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/080109

A CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A61 N 1/05 (2008.01)
USPC - 607/137

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) - A61 N 1/05 (2008.01)
USPC - 607/137

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)
PatBase

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 No</th>
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Date of the actual completion of the international search 21 March 2008
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Authorized officer
Blaine R Copenhagen

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 571-373-3201

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