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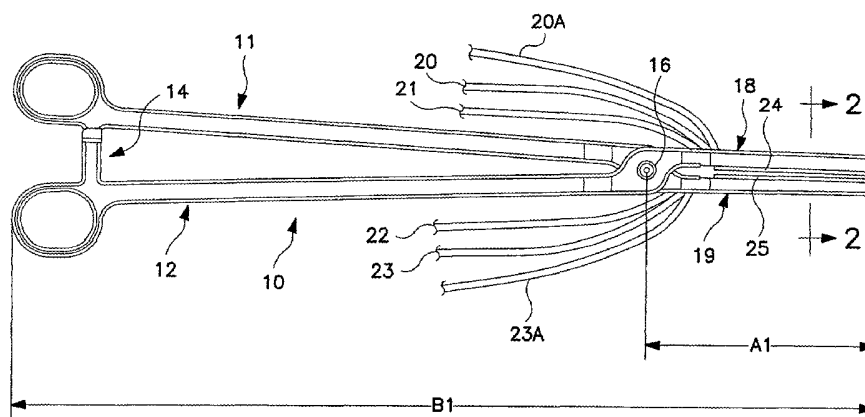
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND SYSTEM FOR TREATMENT OF ATRIAL TACHYARRHYTHMIAS



(57) **Abstract:** A method and system for ablating tissue to provide a desired set of lesions. The system includes an ablation apparatus having an elongated shapeable section carrying a mechanism such as an electrode for applying ablation energy along the shapeable section. The shapeable section includes a member of shape memory material having a memorized configuration. The shapeable section is shaped manually or using fixtures to display a configuration corresponding to one of the desired lesions and is then employed to create the desired lesion. Thereafter the shapeable section is heated to cause it to resume its memorized configuration. Shaping, heating and ablating to create lesions are continued as necessary provide the desired set of lesions. In some embodiments of the invention, heating may be accomplished using heating elements built into the shapeable section.

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/US 02/39440

 A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61B18/14

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 7 A61B

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 practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 075 820 A (BIOSENSE WEBSTER INC) 14 February 2001 (2001-02-14) paragraph [0004] - paragraph [0021]; figures 1,5A,5B -----	12-14, 16,17
X	WO 01 19269 A (GEN HOSPITAL CORP) 22 March 2001 (2001-03-22) page 2, line 15 - page 10, line 27 -----	12-14, 16,17
X	US 5 465 717 A (ZADNO-AZIZI GHOLAM-REZA ET AL) 14 November 1995 (1995-11-14) column 1, line 28 - column 10, line 67 -----	12-14, 16,17

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

☒ Patent family members are listed in annex.

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

national application No.
PCT/US 02/39440

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 1-11
because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
12-14, 16, 17

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 12-14,16,17

ablation apparatus with shape memory electrode and fixture means for shaping the electrode in various configurations

2. claims: 12,15

ablation apparatus with shape memory electrode with electrosurgical hemostat and shapable jaws

3. claims: 18-33

ablation apparatus with shape memory electrode and a heater

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.1

Claims Nos.: 1-11

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 02/39440

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