Abstract:

A method for treating a brain tumor includes providing a surgical instrument having an inner member and an outer member. The outer member has a distal region forming a cutting window. The inner member is rotatably received within the outer member, and has a cutting tip that is exposed at the window. The cutting tip and the distal region of the outer member combine to define a cutting implement. An opening is created through the patient's skull to provide access to a brain tumor target site. The cutting implement is delivered through the opening to the target site. The cutting tip is placed into contact with the tumor and operated to cut the tumor. The target site is selectively aspirated to remove cut tumor tissue.

FIG. 1
INTERNATIONAL SEARCH REPORT

International application No
PCT/US2010/021513

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61B17/32
ADD. A61B17/3207 A61B10/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<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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<tr>
<td>X</td>
<td>US 3 618 611 A (URBAN JULIUS C) 9 November 1971 (1971-11-09) the whole document</td>
<td>12-16, 18-27</td>
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<tr>
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<td>US 5 779 713 A (TURJANSKI LEON [AR] ET AL) 14 July 1998 (1998-07-14) column 4, line 22 - column 6, line 56 figures</td>
<td>12, 17, 18</td>
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</table>

D. Further documents are listed in the continuation of Box C. See patent family annex

- Special categories of cited documents
  - "A" document defining the general state of the art which is not considered to be of particular relevance
  - "E" earlier document but published on or after the international filing date
  - "L" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
  - "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
  - "S" document member of the same patent family

Date of the actual completion of the international search
22 July 2010

Date of mailing of the international search report
03/08/2010

Name and mailing address of the ISA/
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**INTERNATIONAL SEARCH REPORT**

**Box No II**  Observations where certain claims were found unsearchable (Continuation of item 2 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. **X** Claims Nos 1-1 because they relate to subject matter not required to be searched by this Authority, namely
   - Rule 39 l(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 No III**  Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

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

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 fees, this Authority did not invite payment of additional fees

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

**Remark on Protest**

- **☐** The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee
- **☐** The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation
- **☐** No protest accompanied the payment of additional search fees
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<th>Publication date</th>
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