Title: DUAL PULSE-WIDTH MEDICAL LASER WITH PRESETS

Abstract: A medical laser device (600) that generates a laser beam controllable with presets (695) as to pulse duration, pulse repetition rate, power, and energy per pulse. The device also provides presets with respect to water and air outputs. Parametric values for power, pulse duration, pulse repetition rate, and energy per pulse as well as for water and air settings may be programmed by the end user and stored as presets.
(88) Date of publication of the international search report:
28 December 2006

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

A. CLASSIFICATION OF SUBJECT MATTER

IPC: H01S 3/09(2006.01), 3/10(2006.01), A61B 18/20(2006.01)
    H01S 3/09(2006.01), 3/092(2006.01)

USPC: 372/25, 30, 31, 38.02, 70, 606/10, 11

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.: 372/25, 30, 31, 38.02, 70; 606/10, 11

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

Electronic data base consulted other than minimum documentation to the extent that such documents are included in the fields searched

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>
</tr>
</thead>
<tbody>
<tr>
<td>x</td>
<td>US, A 5,828,803 (ECKHOUSE) 27 October 1998 (27.10.1998) see the entire document</td>
<td>1-10, 12-24</td>
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<td>y</td>
<td>US, A 4,862,888 (YESSIK) 5 September 1989 (05.09.1989), see the entire document</td>
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Further documents are listed in the continuation of Box C. See patent family annex.

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"&" document member of the same patent family

Date of the actual completion of the international search

20 August 2006 (20.08.2006)

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Form PCT/ISA/210 (second sheet) (April 2005)