



European Patent
Office

**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 63 of the European Patent Convention EP 02 80 0269
shall be considered, for the purposes of subsequent
proceedings, as the European search report

| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
|--|--|----------------------------------|--|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (IPC) |
| E | US 6 918 876 B1 (KAMIYAMA NAOHISA [JP]) 19 July 2005 (2005-07-19) * column 1, lines 13-15 * * column 2, lines 14-50 * * column 4, line 64 - column 5, line 41 * * column 7, lines 33-67 * * column 9, line 43 - column 10, line 30 * * column 11, lines 2-9 * * column 11, line 39 - column 14, line 25 * | 1-12 | INV. A61B8/06 A61B8/14 |
| A | US 6 149 597 A (KAMIYAMA NAOHISA [JP]) 21 November 2000 (2000-11-21) * column 3, lines 17-42 * * column 5, line 65 - column 8, line 60 * * column 10, lines 41-47 * * column 12, line 54 - column 14, line 37 * | 1-12 | |
| | | | TECHNICAL FIELDS SEARCHED (IPC) |
| | | | A61B |
| The supplementary search report has been based on the last set of claims valid and available at the start of the search. | | | |
| INCOMPLETE SEARCH | | | |
| <p>The Search Division considers that the present application, or some or all of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for the following claims:</p> <p>Claims searched completely :</p> <p>Claims searched incompletely :</p> <p>Claims not searched :</p> <p>Reason for the limitation of the search:</p> <p>see sheet C</p> | | | |
| Place of search | | Date of completion of the search | Examiner |
| Berlin | | 14 April 2008 | Pohjamo, Terhi |
| CATEGORY OF CITED DOCUMENTS | | | |
| X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document | | | |
| T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document | | | |



Claim(s) not searched:
13-19

Reason for the limitation of the search (non-patentable invention(s)):

Article 53 (c) EPC - Method for treatment of the human or animal body by surgery

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 80 0269

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

14-04-2008

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|----------------------------|---------------------|
| US 6918876 B1 | 19-07-2005 | JP 2001120549 A | 08-05-2001 |
| US 6149597 A | 21-11-2000 | JP 3862838 B2 | 27-12-2006 |
| | | JP 11155858 A | 15-06-1999 |
| ----- | | | |

| | | | |
|----------------|--|---------|------------|
| 专利名称(译) | 超声诊断装置及超声诊断方法 | | |
| 公开(公告)号 | EP1437095A4 | 公开(公告)日 | 2008-05-21 |
| 申请号 | EP2002800269 | 申请日 | 2002-09-27 |
| [标]申请(专利权)人(译) | 株式会社日立医药 | | |
| 申请(专利权)人(译) | 日立医疗器械股份有限公司 | | |
| 当前申请(专利权)人(译) | 日立医疗器械股份有限公司 | | |
| [标]发明人 | MATSUMURA TAKESHI | | |
| 发明人 | MATSUMURA, TAKESHI | | |
| IPC分类号 | A61B8/06 A61B8/14 A61B8/00 B06B1/02 B06B3/04 | | |
| CPC分类号 | A61B8/481 A61B8/0883 G10K11/346 | | |
| 优先权 | 2001297613 2001-09-27 JP | | |
| 其他公开文献 | EP1437095A1 | | |
| 外部链接 | Espacenet | | |

摘要(译)

一种超声诊断装置，其通过驱动多个振动器（23）产生的超声波束照射和扫描待检查对象，并基于从该对象反射的超声波产生并显示该对象的断层图像，其中声音提供了用于在超声波束扫描期间调节超声波束的声压的压力调节装置，以便能够使各个感兴趣区域（47,49,51）中的超声波束（53,55,57）的声压相等。。因此，即使当区域（47,49,51）处于不同深度时，施加到各个感兴趣区域（47,49,51）中的造影剂的超声波束（53,55,57）的声压也是恒定的。允许造影剂给出相同的行为，从而在感兴趣的区域中提供均匀的对比效果（47,49,51）。0

| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
|---|---|----------------------------------|---|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (IPC) |
| E | US 6 918 876 B1 (KAMIYAMA NAOHISA [JP]) 19 July 2005 (2005-07-19) * column 1, lines 13-15 * * column 2, lines 14-50 * * column 4, line 64 - column 5, line 41 * * column 7, lines 33-67 * * column 9, line 43 - column 10, line 30 * * column 11, lines 2-9 * * column 11, line 39 - column 14, line 25 * | 1-12 | INV. A61B8/06 A61B8/14 |
| A | US 6 149 597 A (KAMIYAMA NAOHISA [JP]) 21 November 2000 (2000-11-21) * column 3, lines 17-42 * * column 5, line 65 - column 8, line 60 * * column 10, lines 41-47 * * column 12, line 54 - column 14, line 37 * | 1-12 | TECHNICAL FIELD SEARCHED (IPC) A61B |
| The supplementary search report has been based on the last set of claims valid on the date of the search. | | | |
| INCOMPLETE SEARCH | | | |
| The Search Division considers that the present application, or some or all of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for the following reasons: Claims searched completely: Claims searched incompletely: Claims not searched: Reason for the limitation of the search: see sheet C | | | |
| Place of search | | Date of completion of the search | Examiner |
| Berlin | | 14 April 2008 | Pohjamo, Terhi |
| CATEGORY OF CITED DOCUMENTS | | | |
| T theory or principle underlying the invention C earlier patent documents, not published on, or after the filing date D document cited in the application L document cited for other reasons A member of the same patent family, corresponding document | | | |