



European Patent  
Office

**SUPPLEMENTARY  
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 45 of the European Patent Convention EP 03 79 8403  
shall be considered, for the purposes of subsequent  
proceedings, as the European search report

<b>DOCUMENTS CONSIDERED TO BE RELEVANT</b>		<b>Relevant to claim</b>	<b>CLASSIFICATION OF THE APPLICATION (IPC)</b>
<b>Category</b>	<b>Citation of document with indication, where appropriate, of relevant passages</b>		
X	US 6 248 074 B1 (OHNO MASAHIRO [JP] ET AL) 19 June 2001 (2001-06-19)	1,4,15, 17,18	INV. A61B8/12
Y	* column 13, lines 1-32; figures 8,12,13 * * column 14, lines 10-30 * * column 7, line 8 - column 9, line 12; figures 5-8 *	2,3,5-12	
Y	PRAGER R W ET AL: "Stradx: real-time acquisition and visualization of freehand three-dimensional ultrasound" MEDICAL IMAGE ANALYSIS, OXFORDUNIVERSITY PRESS, OXFORD, GB, vol. 3, no. 2, 1998, pages 129-140, XP002199116 ISSN: 1361-8423 Section 3.1.* figures 6-8 *	2,3,5-12	
X	JP 11 318904 A (OLYMPUS OPTICAL CO) 24 November 1999 (1999-11-24) * paragraphs [0020] - [0033]; figures 1,2,4 *	1,4	
	-----		<b>TECHNICAL FIELDS SEARCHED (IPC)</b>
			A61B G01S

The supplementary search report has been based on the last set of claims valid  
and available at the start 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 claims:

Claims searched completely:

Claims searched incompletely:

Claims not searched:

Reason for the limitation of the search:

see sheet C

2

EPO FORM 1503 03-82 (P04C20)

Place of search	Date of completion of the search	Examiner
Berlin	8 August 2007	Kronberger, Raphael
<b>CATEGORY OF CITED DOCUMENTS</b>		
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



European Patent  
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**INCOMPLETE SEARCH  
SHEET C**

Application Number

EP 03 79 8403

Claim(s) not searched:

13,14,16,19,10

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

Article 52 (4) EPC - Method for treatment of the human or animal body by surgery

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

EP 03 79 8403

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.

08-08-2007

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6248074	B1 19-06-2001	NONE	
JP 11318904	A 24-11-1999	JP 3325226 B2	17-09-2002

专利名称(译)	超声诊断系统		
公开(公告)号	<a href="#">EP1543775A4</a>	公开(公告)日	2007-09-19
申请号	EP2003798403	申请日	2003-09-12
[标]申请(专利权)人(译)	奥林巴斯株式会社		
申请(专利权)人(译)	OLYMPUS CORPORATION		
当前申请(专利权)人(译)	OLYMPUS CORPORATION		
[标]发明人	KAWASHIMA TOMONAO		
发明人	KAWASHIMA, TOMONAO		
IPC分类号	A61B8/12 A61B8/14 G01S7/52 G01S15/89 G06T1/00		
CPC分类号	A61B8/4254 A61B8/12 A61B8/14 A61B8/145 A61B8/463 A61B8/483 A61B8/523 G01S7/52065 G01S7/52074 G01S15/8997		
优先权	2002283804 2002-09-27 JP		
其他公开文献	EP1543775A1 EP1543775B1		
外部链接	<a href="#">Espacenet</a>		

## 摘要(译)

超声波诊断装置具有超声波内窥镜，超声波观察部分，位置检测单元，监视器，键盘和鼠标。将与其平行的横截面设置为径向断层图像，在径向断层图像和横截面之间获得交叉线段，组合交叉线段，并生成路径断层图像。通过推进和返回径向扫描超声探头，很容易识别出在检查期间病变如何沿着腔部分扩散。此外，在检查期间，可以容易地识别在管腔部分中的哪个部分是在检查期间扫描。

DOCUMENTS CONSIDERED TO BE RELEVANT		CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	
X	US 6 248 074 B1 (OHTA, MASAHIRO [JP] ET AL) 19 June 2001 (2001-06-19)	1,4,15, 1,2,3,5-12
Y	* column 13, lines 1-32; figures 8,12,13 * * column 14, lines 10-31; * column 15, line 8 - column 9, line 12; figures 5-8 *	2,3,5-12
Y	PRAGER R W ET AL: "Stradi: real-time acquisition and visualization of freehand three-dimensional ultrasound images for medical image analysis", OXFORDUNIVERSITY PRESS, OXFORD, GB, Vol. 3, 1998, pages 129-140, XP002199116 ISSN: 1361-8425 Section 1.2.2, figures 6-8 *	2,3,5-12
X	JP 11 318904 A (OLYMPUS OPTICAL CO) 24 November 1999 (1999-11-24) * paragraphs [0020] - [0033]; figures 1,2,4 *	1,4 -----

The comprehensive search report has been based on the last set of claims valid at the priority date of the search.

**INCOMPLETE SEARCH**  
The search has not been carried out on the present application, or some or all of its claims, does/do not comply with the EPO in such an extent that a meaningful search into the state of the art cannot be carried out, or the search is 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

2	Place of search Berlin	Date of completion of the search 8 August 2007	Examiner Kronberger, Raphael
DOCUMENTS	CATEGORY OF CITED DOCUMENTS		
	<input checked="" type="checkbox"/> particularly relevant or taken alone <input checked="" type="checkbox"/> in combination with one or more other documents <input checked="" type="checkbox"/> technological background <input checked="" type="checkbox"/> prior art <input checked="" type="checkbox"/> intermediate document		
	T : theory or principle underlying the invention B : basic document, such as a patent application, or after the filing date D : document cited for other reasons L : document cited for other reasons A : document of the same patent family, corresponding document		