



SUPPLEMENTARY  
EUROPEAN SEARCH REPORT

Application Number  
EP 11 73 7754

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	WO 01/13796 A1 (NOVASONICS INC [US]) 1 March 2001 (2001-03-01) * abstract * * page 18, line 1 - page 20, line 6 * * page 22, line 8 - page 25, line 2 * * figures 4,6,9 * -----	1-15
X	WO 2009/026644 A1 (SIGNOSTICS PTY LTD [AU]; MEDLIN ANDREW JOHN [AU]; NIEMLEC ANDREW JOHN) 5 March 2009 (2009-03-05) * abstract * * page 5, line 19 - page 9, line 20 * * figures 1-2 * -----	1-3,5,6, 8,15
A,P	WO 2010/057315 A1 (UNIV BRITISH COLUMBIA [CA]; ROHLING ROBERT [CA]) 27 May 2010 (2010-05-27) * the whole document * -----	1-15
A,D	US 6 733 458 B1 (STEINS ROBERT W [US] ET AL) 11 May 2004 (2004-05-11) * abstract * * column 5, line 1 - column 17, line 16 * * figures 1-3 * -----	1-15
		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.		
2	Place of search  Munich	Date of completion of the search  5 February 2018
Examiner  Artikis, T		
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		

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

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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.

05-02-2018

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专利名称(译)	用于定位解剖学或探针引导的超声波		
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发明人	MAULDIN, JR., F. WILLIAM VIOLA, FRANCESCO WALKER, WILLIAM F.		
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CPC分类号	A61B17/3403 A61B8/0841 A61B8/42 A61B8/4254 A61B8/4281 A61B17/3401 A61B46/10 A61B2017 /3413 A61B2034/2048 A61B2090/378		
优先权	61/299506 2010-01-29 US 61/309628 2010-03-02 US 61/316989 2010-03-24 US		
其他公开文献	<a href="#">EP2528509A1</a>		
外部链接	<a href="#">Espacenet</a>		

### 摘要(译)

手持设备可用于辅助引导探针或定位受试者中的特定解剖目标。该装置可包括超声换能器，该超声换能器位于壳体上或壳体内，并配置成产生指向受试者组织的超声能量，并配置成接收由位于组织内的目标反射的超声能量的一部分。在示例中，该装置可以包括：运动跟踪电路，被配置为向处理器电路提供指示手持装置的运动的信息；以及显示器，被配置为呈现关于目标的一部分的信息。手持设备，由处理器电路使用获得的指示由目标反射的超声能量的信息和指示手持设备的运动的信息确定的位置信息。

SUPPLEMENTARY EUROPEAN SEARCH REPORT		Application Number EP 11 73 7754																				
<b>DOCUMENTS CONSIDERED TO BE RELEVANT</b> <table border="1"> <thead> <tr> <th>Category</th> <th>Citation of document with indication, where appropriate, of relevant parts</th> <th>Relevant parts indicated</th> <th>Classification of the document (RATC)</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>WO 01/137096 A1 (NOVASONICS INC [US]) 1 March 2001 (2001-03-01) * Abstract * page 18, line 5 - page 29, line 6 * * Figures 4,6,9 *</td> <td>1-15 INV A61B15/00 A61B8/00 A61B17/34</td> <td></td> </tr> <tr> <td>X</td> <td>WO 2009/056341 [STEIMES PTY LTD [AU]; MEDLIN ANDREW JOHN [AU]; NIENLECK ANDREW JOHN] 5 March 2009 (2009-03-05) * Abstract * page 5, line 19 - page 9, line 20 *</td> <td>1-3,5,6, 8,15 INV A61B15/00 A61B8/00</td> <td></td> </tr> <tr> <td>A, P</td> <td>WO 2010/067315 A1 (UNIV BRITISH COLUMBIA [CA]; ROHILKA RONALD [CA]) 1 July 2010 (2010-07-01) * the whole document ---</td> <td>1-15 INV A61B15/00</td> <td></td> </tr> <tr> <td>A, D</td> <td>US 6,734,458 B1 (STEINS ROBERT W [US]) ET AL 10 May 2004 (2004-05-11) * Abstract * column 1, line 1 - column 17, line 16 * * Figures 1-3 * -----</td> <td>1-15 TECHNICAL FIELD SEARCHED (IPC) A61B</td> <td></td> </tr> </tbody> </table>			Category	Citation of document with indication, where appropriate, of relevant parts	Relevant parts indicated	Classification of the document (RATC)	X	WO 01/137096 A1 (NOVASONICS INC [US]) 1 March 2001 (2001-03-01) * Abstract * page 18, line 5 - page 29, line 6 * * Figures 4,6,9 *	1-15 INV A61B15/00 A61B8/00 A61B17/34		X	WO 2009/056341 [STEIMES PTY LTD [AU]; MEDLIN ANDREW JOHN [AU]; NIENLECK ANDREW JOHN] 5 March 2009 (2009-03-05) * Abstract * page 5, line 19 - page 9, line 20 *	1-3,5,6, 8,15 INV A61B15/00 A61B8/00		A, P	WO 2010/067315 A1 (UNIV BRITISH COLUMBIA [CA]; ROHILKA RONALD [CA]) 1 July 2010 (2010-07-01) * the whole document ---	1-15 INV A61B15/00		A, D	US 6,734,458 B1 (STEINS ROBERT W [US]) ET AL 10 May 2004 (2004-05-11) * Abstract * column 1, line 1 - column 17, line 16 * * Figures 1-3 * -----	1-15 TECHNICAL FIELD SEARCHED (IPC) A61B	
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Date of search	5 February 2018	Examiner Artikis, T																				
Date of completion of the search																						
CATEGORIES OF CITED DOCUMENTS <input checked="" type="checkbox"/> Previously or currently relevant if taken alone <input checked="" type="checkbox"/> Previously or currently relevant if taken in combination with another document <input type="checkbox"/> Technological background <input type="checkbox"/> Prior art <input type="checkbox"/> Internal document																						
<small>1. Theory or principle underlying the invention 2. Any embodiment or part thereof published on, or after the filing date of the application 3. Any embodiment or part thereof filed for later prosecution 4. Drawing of the outer patent family, corresponding document</small>																						