

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	US 2012/027282 A1 (YOSHIKAWA HIDEKI [JP] ET AL) 2 February 2012 (2012-02-02) * paragraph [0092] * * paragraph [0043] - paragraph [0045] * * paragraph [0089] - paragraph [0090] * * paragraph [0094] * * paragraph [0053] * * paragraph [0047] - paragraph [0052] * * paragraph [0109] * * paragraph [0054] * * figures 1,6-12,20-23 *	1-4	INV. A61B8/00 A61B8/14 ADD. A61B8/08
Y	WO 2014/034948 A1 (TOSHIBA CORP) 6 March 2014 (2014-03-06) * see references in US2015178921 * & US 2015/178921 A1 (HASHIMOTO SHINICHI [JP] ET AL) 25 June 2015 (2015-06-25) * paragraph [0099] - paragraph [0100] * * paragraph [0097] - paragraph [0098] * * figures 1,11,12 * * paragraph [0032] - paragraph [0034] * * paragraph [0085] - paragraph [0086] *	1-4	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.			
Place of search Munich		Date of completion of the search 7 February 2018	Examiner De la Hera, Germán
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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

EP 15 85 1011

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.

07-02-2018

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2012027282 A1	02-02-2012	CN 102387747 A	21-03-2012
		EP 2417912 A1	15-02-2012
		JP 5753489 B2	22-07-2015
		JP W02010117025 A1	18-10-2012
		US 2012027282 A1	02-02-2012
		WO 2010117025 A1	14-10-2010

WO 2014034948 A1	06-03-2014	CN 103781424 A	07-05-2014
		JP 6238651 B2	29-11-2017
		JP 2014061291 A	10-04-2014
		US 2015178921 A1	25-06-2015
		WO 2014034948 A1	06-03-2014

专利名称(译)	超声波观察仪器		
公开(公告)号	EP3165172A4	公开(公告)日	2018-03-21
申请号	EP2015851011	申请日	2015-09-07
[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		
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IPC分类号	A61B8/14		
CPC分类号	A61B8/14 A61B8/4254 A61B8/463 A61B8/469 A61B8/481 A61B8/483 A61B8/5207 A61B8/5269 A61B8/5276 A61B8/54		
优先权	2014211786 2014-10-16 JP		
其他公开文献	EP3165172B1 EP3165172A1		
外部链接	Espacenet		

摘要(译)

超声波观测装置1包括：超声波探头2，被配置为在第一方向和第二方向上改变超声波的发送 - 接收方向，以利用超声波束执行二维扫描;发送 - 接收部分3，被配置为控制超声波束的发送 - 接收方向;图像处理部分5，被配置为从在第一方向和第二方向上利用超声波束扫描的结果生成B模式图像的体数据;输入部分6，被配置为将第一感兴趣区域清晰可见的图像设置为参考图像;存储部分8，被配置为保持参考图像;并且计算部分4校正扫描平面以允许与输入部分设置的参考图像类似的图像，其中计算部分4自动校正第二感兴趣区域的位置以进行分析与扫描平面中第一感兴趣区域的移动同步的亮度的时间变化。

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Y	US 2012/027282 A1 (YOSHIKAWA HIDEKI [JP] ET AL) 2 February 2012 (2012-02-02) * paragraph [0092] - paragraph [0095] * * paragraph [0089] - paragraph [0090] * * paragraph [0091] * * paragraph [0093] * * paragraph [0094] - paragraph [0095] * * paragraph [0109] * * paragraph [0094] * Figures 1, 6-12, 20-23 - -	1-4	INV. A61B8/00 A61B8/14 ADD. A61B8/00
Y	WO 2014/03898 A1 (TOSHIBA CORP) 6 March 2014 (2014-03-06) * see references to US2015178921 * * US 2015/178921 A1 (HASHIMOTO SHINICHI [JP] ET AL) 25 June 2016 (2016-06-25) * paragraph [0099] - paragraph [0100] * * paragraph [0091] - paragraph [0098] * * Figures 1, 11, 12 * * paragraph [0032] - paragraph [0034] * * paragraph [0065] - paragraph [0066] *	1-4	TECHNICAL FIELD (IPC) A61B
The supplementary search report also been based on the latest set of claims valid as of the start of the search.			
Munich		7 February 2018	De la Hera, German
<small> C: prior art document D: document cited by another applicant E: document cited by the applicant F: document cited for other reasons G: member of the same patent family, corresponding document H: non-patent literature </small>			