

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 14 87 9286

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	US 2002/147399 A1 (MAO ZUHUA [US] ET AL) 10 October 2002 (2002-10-10) * paragraphs [0043], [0042], [0037], [0039], [0050], [0048], [0044]; figure 12 *	1-11	INV. A61B8/08 A61B8/12 A61B8/14 A61B8/00 G01N29/06
A	US 2005/256404 A1 (SATO TAKESHI [JP]) 17 November 2005 (2005-11-17) * paragraphs [0157], [0181], [0134]; figures 11,14 *	1-11	
A	US 2012/310087 A1 (MIYAKI HIRONAKA [JP] ET AL) 6 December 2012 (2012-12-06) * paragraphs [0095], [0065], [0066]; figures 16, 14,15 *	1-11	
			TECHNICAL FIELDS SEARCHED (IPC)
			A61B G01N G01S
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 13 October 2017	Examiner Anscombe, Marcel
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.**

EP 14 87 9286

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
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13-10-2017

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			JP W02012063976 A1	12-05-2014
			US 2012310087 A1	06-12-2012
			WO 2012063976 A1	18-05-2012

专利名称(译)	超声波观察装置，超声波观察装置的操作方法，超声波观察装置的操作程序		
公开(公告)号	EP3097859A4	公开(公告)日	2017-11-29
申请号	EP2014879286	申请日	2014-10-24
[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	MIYAKI HIRONAKA		
发明人	MIYAKI, HIRONAKA		
IPC分类号	A61B8/08 A61B8/12 A61B8/14		
CPC分类号	A61B8/5223 A61B8/08 A61B8/4461 A61B8/4477 A61B8/461 A61B8/463 A61B8/5207 A61B8/5246 G01N29/0609 G01N29/0654 G01N29/4418 G01N29/46 G01N2291/02475 G01N2291/02491 G01S7/52033 G01S7/52038 G01S15/8963		
优先权	2014011840 2014-01-24 JP		
其他公开文献	EP3097859A1		
外部链接	Espacenet		

摘要(译)

一种超声波观察装置，包括：THI图像数据生成单元，基于通过将具有不同相位或幅度的第一和第二超声信号沿着所述第一和第二超声信号发送到样本而获得的第一和第二接收信号，生成灰度THI图像的图像数据。线和接收从样本反射的第一和第二超声回波信号;特征提取单元，基于第一和第二超声回波信号的频谱计算第一和第二特征;组织特征图像数据生成单元，其在基于第一特征和第二特征的第三特征的值大于或等于或小于等于的区域中生成具有彩色显示模式的组织特征图像的图像数据。预定阈值;以及图像合成单元，其生成合成THI图像和组织特征图像的合成图像的图像数据。



European Patent Office
 Patent Department
 Case File No. 14 87 9286

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A	US 2002/147399 A1 (MAO ZUNHA [US] ET AL.) 10 October 2002 (2002-10-10) * paragraphs [0043], [0044], [0041]; figure 12	1-11	1B6 A61B8/08 A61B8/12 A61B8/14 A61B8/06 G01N29/06
A	US 2005/256404 A1 (SAITO TAKESHI [JP]) 17 November 2005 (2005-11-17) * paragraphs [0157], [0161], [0134]; figures 11, 14	1-11	
A	US 2012/310087 A1 (MIYAKI HIRONAKA [JP] ET AL.) 8 December 2012 (2012-12-08) * paragraphs [0095], [0065], [0066]; figures 16, 14, 15	1-11	

The supplementary search report has been drawn on the text of the application as filed with the EPO.

Place of search

Munich

Date of completion of the search

13 October 2017

Examiner

Ansombe, Marcel

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