

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 15 83 7167

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 6 374 674 B1 (MINE YOSHITAKA [JP])	1-6,9-12	INV.
A	23 April 2002 (2002-04-23) * column 4 - column 6; figures 1,3,4 * -----	7,8	A61B8/12 A61B8/14 A61B1/018 A61B8/00 A61B8/08 A61B18/00 A61B18/14
			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 31 August 2017	Examiner Koprinarov, Ivaylo
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			

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31-08-2017

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6374674 B1	23-04-2002	JP 3847976 B2	22-11-2006
		JP 2000116651 A	25-04-2000
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专利名称(译)	诊断超声设备和用于操作诊断超声设备的方法		
公开(公告)号	EP3031400A4	公开(公告)日	2017-10-11
申请号	EP2015837167	申请日	2015-04-02
[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 MATSUI SHOICHI KODAMA HIROSHI NISHINA KENICHI MIYAKI HIRONAKA EDA HIROTAKA		
发明人	KAWASHIMA, TOMONAO MATSUI, SHOICHI KODAMA, HIROSHI NISHINA, KENICHI MIYAKI, HIRONAKA EDA, HIROTAKA		
IPC分类号	A61B8/12 A61B8/14		
CPC分类号	A61B1/018 A61B8/12 A61B8/14 A61B8/4488 A61B8/523 A61B18/1492 A61B2090/3784 A61B8/488 A61B8/5207 A61B8/54 A61B18/1477 A61B2018/00333 A61B2018/00595		
审查员(译)	KOPRINAROV , IVAYLO		
优先权	2014178308 2014-09-02 JP		
其他公开文献	EP3031400A1		
外部链接	Espacenet		

摘要(译)

一种超声诊断设备,包括:超声换能器(12),包括二维布置的振动元件;射束形成器(23),其驱动超声换能器(12)以执行三维扫描并获取三维空间的超声数据;延迟计算电路(24)设定波束形成器(23)的扫描条件;图形电路(27),其根据三维空间的超声数据生成预定切割表面的超声切片图像;CPU(29)使延迟计算电路(24)根据设定在所希望位置的切面改变扫描条件。


 European Union
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 Office

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X	US 6 374 674 B1 (HINE YOSHITAKA [JP]) 23 Apr 1 - 2005 (2002-04-23)	1-6,9-12		INV. AG10B/12
A	* column 4 - column 6; Figures 1,3,4 * -----	7,8		AG10B/13 AG10B/18 AG10B/19 AG10B/20 AG10B/21 AG10B/22 AG10B/23 AG10B/24 AG10B/25 AG10B/26 AG10B/27 AG10B/28 AG10B/29 AG10B/30 AG10B/31 AG10B/32 AG10B/33 AG10B/34 AG10B/35 AG10B/36 AG10B/37 AG10B/38 AG10B/39 AG10B/40 AG10B/41 AG10B/42 AG10B/43 AG10B/44 AG10B/45 AG10B/46 AG10B/47 AG10B/48 AG10B/49 AG10B/50 AG10B/51 AG10B/52 AG10B/53 AG10B/54 AG10B/55 AG10B/56 AG10B/57 AG10B/58 AG10B/59 AG10B/60 AG10B/61 AG10B/62 AG10B/63 AG10B/64 AG10B/65 AG10B/66 AG10B/67 AG10B/68 AG10B/69 AG10B/70 AG10B/71 AG10B/72 AG10B/73 AG10B/74 AG10B/75 AG10B/76 AG10B/77 AG10B/78 AG10B/79 AG10B/80 AG10B/81 AG10B/82 AG10B/83 AG10B/84 AG10B/85 AG10B/86 AG10B/87 AG10B/88 AG10B/89 AG10B/90 AG10B/91 AG10B/92 AG10B/93 AG10B/94 AG10B/95 AG10B/96 AG10B/97 AG10B/98 AG10B/99 AG10B/100
TECHNICAL FIELD AG10B				
The supplementary search report has been based on the last set of claims valid and available at the start of the search				
Date of search		Date of completion of the search		Examiner
Munich		31 August 2017		Koprinarov, Iyaylo
DISTRIBUTION OF COPIES OF DOCUMENTS				
1. particularity relevant? 1 item only 2. prior art relevant? 1 item only 3. technical problem relevant? 1 item only 4. technical solution relevant? 1 item only 5. technical effect relevant? 1 item only 6. technical result relevant? 1 item only 7. technical advantage relevant? 1 item only 8. technical disadvantage relevant? 1 item only 9. technical problem relevant? 1 item only 10. technical solution relevant? 1 item only 11. technical effect relevant? 1 item only 12. technical advantage relevant? 1 item only 13. technical disadvantage relevant? 1 item only 14. technical problem relevant? 1 item only 15. technical solution relevant? 1 item only 16. technical effect relevant? 1 item only 17. technical advantage relevant? 1 item only 18. technical disadvantage relevant? 1 item only 19. technical problem relevant? 1 item only 20. technical solution relevant? 1 item only 21. technical effect relevant? 1 item only 22. technical advantage relevant? 1 item only 23. technical disadvantage relevant? 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