





EUROPEAN SEARCH REPORT

Application Number  
EP 08 00 0496

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	HOEKS A P ET AL: "Automated detection of local artery wall thickness based on M-line signal processing." ULTRASOUND IN MEDICINE & BIOLOGY 1997 LNKD- PUBMED:9330445, vol. 23, no. 7, 1997, pages 1017-1023, XP002589193 ISSN: 0301-5629	1-4, 9-12, 15-17,20	INV. A61B8/08
Y	* the whole document *	6-8,13, 14,18,19	
Y	----- WO 2005/032375 A2 (SONOSITE INC [US]) 14 April 2005 (2005-04-14) * page 12, lines 14-18 * * page 39, line 15 - page 40, line 19 * * figures 13,14 * -----	6-8,13, 14,18,19	
			TECHNICAL FIELDS SEARCHED (IPC)
			A61B
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 28 June 2010	Examiner Willig, Hendrik
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	

1  
EPO FORM 1503 03.82 (P04C01)

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

EP 08 00 0496

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.

28-06-2010

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2005032375 A2	14-04-2005	EP 1677681 A2	12-07-2006
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EPO FORM P/0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

专利名称(译)	超声波诊断装置，IMT测量方法和IMT测量程序		
公开(公告)号	<a href="#">EP1943953A3</a>	公开(公告)日	2010-08-18
申请号	EP2008000496	申请日	2008-01-11
[标]申请(专利权)人(译)	富士胶片株式会社		
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发明人	ISHIHARA, KEITAROU		
IPC分类号	A61B8/08		
CPC分类号	A61B8/0858 A61B5/02007 G01S7/52026 G06T7/12 G06T7/60 G06T2207/10132 G06T2207/20104 G06T2207/30101		
优先权	2007005339 2007-01-15 JP		
其他公开文献	EP1943953A2 EP1943953B1		
外部链接	<a href="#">Espacenet</a>		

摘要(译)

一种超声诊断设备，通过该超声诊断设备可以进行高度定量的IMT（内膜中层厚度）测量，其具有取决于检查者的很小变化。超声波诊断装置包括：超声波探头100，用于将超声波发送到被检查物体，并接收由物体中的超声波反射产生的超声波回波，以输出接收信号；信号处理单元28，用于对从超声波探头输出的接收信号进行至少包络检测处理，以产生包络数据；边界检测单元41，用于根据包络数据的值的差值或差值以及包络数据的值的变化量，检测表示血管的内膜中层的两个边界；IMT计算单元46，用于根据边界检测单元检测到的两个边界计算血管的IMT。

