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**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number

EP 03 70 2987

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages		
X	US 5 235 981 A (HASCOET GERARD [FR] ET AL) 17 August 1993 (1993-08-17) * abstract; figures 1,5 * * column 1, line 58 - column 4, line 63 * -----	1-23	INV. A61B8/00
X	US 4 074 564 A (ANDERSON WESTON A) 21 February 1978 (1978-02-21) * abstract; figures 1,4 * * column 2, line 38 - column 3, line 5 * * column 4, lines 24-63 * -----	1,13,22, 23	
P,X	WO 02/085178 A (IMADENT LTD [IL]; ANISIMOV VICTOR [RU]; COHEN DAN [IL]; EFIMOV SERGEI) 31 October 2002 (2002-10-31) * abstract; figures 6-10 * * page 12, line 9 - page 14, line 15 * * page 22, lines 7-15 * -----	1,13,22, 23	
The supplementary search report has been based on the last set of claims valid and available at the start of the search.		TECHNICAL FIELDS SEARCHED (IPC)	
		A61B G01N A22B G01S	
1	Place of search	Date of completion of the search	Examiner
EPO FORM 1503 03-82 (P04C04)	Berlin	30 May 2007	Jonsson, P.O.
CATEGORY OF CITED DOCUMENTS		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	
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			

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

EP 03 70 2987

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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30-05-2007

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专利名称(译) 硬组织的三维超声成像系统和方法

公开(公告)号	EP1471829A4	公开(公告)日	2007-07-04
申请号	EP2003702987	申请日	2003-01-05
[标]申请(专利权)人(译)	MEDSON		
申请(专利权)人(译)	MEDSON LTD.		
当前申请(专利权)人(译)	MEDSON LTD.		
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IPC分类号	A61B8/08 G01N29/24 A61B8/00		
CPC分类号	G01N29/2487 A61B8/0875 A61B8/461 A61B8/467 A61B8/483 G01N29/2456 G01N2291/02483 G01N2291/056 G01N2291/106 G01S15/8977 G01S15/8993		
优先权	60/361091 2002-03-01 US 60/344803 2002-01-07 US		
其他公开文献	EP1471829A2		
外部链接	Espacenet		

摘要(译)

一种系统 (60) 和方法 (20) , 用于在目标 (68) 内产生硬组织 (70) 的超声图像 (48)。方法 (20) 包括包括从限定位置 (64) 向目标 (68) 发射 (22) 射束能量 (66) , 调整 (24) 射线 (66) 与硬组织 (70) 之间的入射角。) 到正常角度 , 在所述定义位置 (64) 接收 (26) 回波反射 , 计算 (32) 一组位置坐标 (46) 表面使得回波反射重複 (36) 来自附加位置 (64) , 编译 (38) 位置坐标 (46) 以产生表面 (69) 的地图 (48) , 引起回声反射 (65) , 并确定 (40) 地图 (48) , 由预定规则表示硬组织 (70) 的表面 (69)。公开了另外的方法 (90) , 其采用在附加限定位置 (64) 处接收回波反射 (60) , 以及用于执行所要求保护的方法 (20) (90) 的系统 (60) 。

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE DOCUMENTATION (IPC)
Category	Citation of document with indication, where appropriate, of matter cited	Relevant portions	
X	US 5 235 981 A (HASCOET GERARD [FR] ET AL) 1st August 1993 (1993-08-17) * abstract; figures 1-10 * * column 1, line 58 - column 4, line 63 *	1-23	INV. A61B8/00
X	US 4 074 564 A (ANDERSON WESTON A) 21 February 1978 (1978-02-21) * abstract; figures 1,4-10 * * column 1, line 5 - column 3, line 5 * * column 4, lines 24-63 *	1,13,22, 23	
P,X	WO 02/085178 A (IMADENT LTD [IL]; ANISIMOV VICTOR [RU]; COHEN DAN [IL]; EFIMOV SIMEON [IL]; ODEH AMIR [IL]) 26 October 2002 (2002-10-31) * abstract; figures 6-10 * * page 12, line 9 - page 14, line 15 * * page 22, lines 7-15 *	1,13,22, 23	

			TECHNICAL FIELDS SEARCHED (IPC)
			A61B G01N A22B G01S
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
1	Document identifier	Date of examination for search	Examiner
	Berlin	30 May 2007	Johnson, P.O.
CATEGORY OF CITED DOCUMENTS			
X	particularly relevant if taken alone		
Y	document which may be combined with another document of the same kind		
A	a document concerning the same subject		
C	non-written document		
F	intermediate document		
T	theory or principle underlying the invention		
E	earlier patent document, but published, or made available to the public before the priority date		
S	standard patent application		
D	document cited for other reasons		
&	& member of the same patent family, corresponding document		