



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X A	US 5 840 018 A (MICHAELI ET AL) 24 November 1998 (1998-11-24) * column 2, lines 1-51 * * column 3, line 48 - column 6, line 45 * * column 7, lines 3-21 * * column 8, lines 7-59 * -----	23 1-22, 24-37	A61B5/00 A61B5/03
A	EP 0 413 816 A (HITACHI CONSTRUCTION MACHINERY CO., LTD; KUCHIWAKI, HIROJII; KUCHIWAKI) 27 February 1991 (1991-02-27) * page 5 - page 6 * -----	1-37	
A	DE 36 33 080 A1 (MUELLER-WICKOP, JUERGEN, DR) 31 March 1988 (1988-03-31) * column 4, line 46 - column 5, line 27 * -----	1-37	
A	US 5 388 583 A (RAGASKAS ET AL) 14 February 1995 (1995-02-14) * column 2, line 2 - column 10, line 57 * -----	23	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			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 2 August 2005	Examiner Rivera Pons, C
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 01 93 2025

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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02-08-2005

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专利名称(译)	用于组织共振分析的超声设备和方法		
公开(公告)号	EP1289408A4	公开(公告)日	2005-09-21
申请号	EP2001932025	申请日	2001-05-24
[标]申请(专利权)人(译)	INTA MEDICS		
申请(专利权)人(译)	inta-medics公司		
当前申请(专利权)人(译)	inta-medics公司		
[标]发明人	MICHAELI DAVID		
发明人	MICHAELI, DAVID		
IPC分类号	A61B5/00 A61B5/03 A61B5/0456 A61B8/08		
CPC分类号	A61B8/463 A61B5/031 A61B5/0456 A61B5/4064 A61B5/407 A61B5/7232 A61B5/7242 A61B5/7257 A61B8/0808 A61B8/0816		
优先权	09/578881 2000-05-26 US		
其他公开文献	EP1289408A2		
外部链接	Espacenet		

摘要(译)

将超声探头放置在患者的头部上，并且用于产生超声脉冲，该超声脉冲通过患者的颅骨和脑传播，并且从位于垂直于超声探头的路径中的颅骨和软组织反射。。反射信号由超声探头接收，然后以已知方式处理以产生回波脑电图（Echo EG）信号，其被绘制为幅度与距离的函数。然后选择一部分Echo EG信号，并在所选部分上积分Echo EG信号以产生回波脉搏图（EPG）信号。还以已知方式生成患者的心电图（ECG）信号。使用ECG信号作为参考，EPG信号用于提供关于在距离Echo EG信号的所选部分对应的超声探头的深度处的组织的生理状态的信息。另外，超声探头优选地是具有凹形发射和接收表面的探头。

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Munich		2 August 2005	Rivera Pons, C
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