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**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number

EP 03 74 6424

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages		
Y	JP 02 271843 A (OLYMPUS OPTICAL CO) 6 November 1990 (1990-11-06) * figure 8 *	2-5,8,9	INV. A61B8/12
Y	US 5 569 158 A (SUZUKI SHIGEO [JP] ET AL) 29 October 1996 (1996-10-29) * column 2, line 50 - line 60; figure 2 *	2-5,8	
Y	JP 10 262968 A (HITACHI MEDICAL CORP) 6 October 1998 (1998-10-06) * paragraph [0022]; figure 13 *	9	
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 H05K G01N H01R H01B	
2	Place of search	Date of completion of the search	Examiner
	The Hague	14 November 2008	Ekstrand, Vilhelm
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 74 6424

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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14-11-2008

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
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US 5569158	A	29-10-1996	JP	3236716 B2		10-12-2001
			JP	7111979 A		02-05-1995
JP 10262968	A	06-10-1998	JP	3934202 B2		20-06-2007

专利名称(译)	超声探头在体腔内		
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[标]申请(专利权)人(译)	株式会社日立医药		
申请(专利权)人(译)	日立医疗器械股份有限公司		
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优先权	2002114333 2002-04-17 JP		
其他公开文献	EP1498071B1 EP1498071A1		
外部链接	Espacenet		

摘要(译)

为了使探头小型化，增加通道数并提高柔性部分的柔性，超声探头包括具有布置成用于发送和接收超声波的多个通道的换能器单元1以及连接到换能器的各个通道的柔性电路板2。单元1，其中设置有用于向换能器单元1提供发送信号和从接收器单元1提取接收信号的信号线，其中柔性电路板2形成通过划分多个通道而制成的至少两个通道块，并且分别螺旋缠绕。

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of the content or subject matter of the document	Relevant to claim
Y	JP 02 271643 A (OLYMPUS OPTICAL CO) 6 November 1990 (1990-11-06) * figure 8 *	2-5, 8, 9
Y	US 5 569 158 A (SUZUKI SHIGEO [JP] ET AL) 28 October 1996 (1996-10-29) * col 2, line 50 - line 60; figure 2 *	2-5, 8
Y	JP 10 262968 A (HITACHI MEDICAL CORP) 6 October 1998 (1998-10-06) * paragraph [0022]; figure 13 *	9
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2	The Hague	14 November 2008
		Ekstrand, Vilhelm
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X	particularly relevant if taken alone	T: theory or principle underlying the invention
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A	document of the same category	C: document cited for other reasons
B	non-patent document	K: reference of the same patent family, corresponding document
C	intermediate document	