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EUROPEAN SEARCH REPORT

Application Number
EP 01 12 6542

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)
Y	DE 196 13 242 A (SIEMENS AG) 9 October 1997 (1997-10-09) * column 2, line 63 - column 5, line 3; figures 4-6 *	1-16	A61B8/12 G10K11/35 G01S15/89
Y	US 4 869 258 A (HETZ WALTER) 26 September 1989 (1989-09-26) * column 4, line 19 - column 9, line 13; figures 2,3 *	1-16	
D,A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 06, 22 September 2000 (2000-09-22) -& JP 2000 070268 A (OLYMPUS OPTICAL CO LTD), 7 March 2000 (2000-03-07) * abstract *	1-8	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A61B G10K G01S A61N
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 13 August 2003	Examiner Artikis, T
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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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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13-08-2003

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专利名称(译)	超声波探头		
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其他公开文献	EP1208801A2		
外部链接	Espacenet		

摘要(译)

这里公开了一种超声波探头，包括用于将电信号转换成超声波和从超声波转换出的电信号的换能器2，用于使换能器3旋转的电磁铁电动机3，用于可旋转地支撑电磁铁电动机3的框架结构4，用于制动机构13的超声波探头。允许电磁铁马达3制动。如此构造的超声波探头可以驱动制动机构13以制动电磁铁电动机3以防止换能器2在电磁铁电动机3停止时旋转并且释放制动机构13以使换能器2能够在电磁铁电动机3旋转时旋转。旋转，从而保护换能器2免受由电磁铁马达3引起的大冲击，特别是当超声波探头掉落时。

FIG. 1

