

**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 05 74 1527

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
D,A	JP 03 032652 A (MATSUSHITA ELECTRIC IND CO LTD) 13 February 1991 (1991-02-13) * abstract; figure 1 *	1-9	INV. A61B8/00 G10K11/02
A	JP 04 084946 A (MATSUSHITA ELECTRIC IND CO LTD) 18 March 1992 (1992-03-18) * abstract; figure 1 *	1-9	
A	US 2003/229283 A1 (CRAIG ROGER KINGDON [GB] ET AL) 11 December 2003 (2003-12-11) * paragraph [0165] *	1	
A	GB 2 386 377 A (EVERLIGHT CHEM IND CORP [TW]) 17 September 2003 (2003-09-17) * abstract *	1	
A	JP 2001 311040 A (TOYO BOSEKI) 9 November 2001 (2001-11-09) * abstract *	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			G10K
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 5 November 2008	Examiner Trique, Michael
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.**

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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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05-11-2008

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 3032652 A	13-02-1991	NONE	
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		TW 589352 B	01-06-2004
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JP 2001311040 A	09-11-2001	NONE	

专利名称(译)	超声波探头		
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申请(专利权)人(译)	松下电器产业有限公司.		
当前申请(专利权)人(译)	松下电器产业有限公司.		
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CPC分类号	G10K11/02		
代理机构(译)	汤姆林森 , KERRY JOHN		
优先权	2004172231 2004-06-10 JP		
其他公开文献	EP1767153A1 EP1767153B1		
外部链接	Espacenet		

摘要(译)

本发明提供一种能够高灵敏度地发送和接收超声波的超声波探头，能够高速平滑地驱动超声波换能部件。根据本发明的超声波探头包括：超声波转换部件101，用于发送和接收超声波；外壳105，用于容纳超声波转换部件101；声学介质106装在外壳105中，声学介质106含有1,2-丁二醇。

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D.A	JP 03 032652 A (MATSUSHITA ELECTRIC IND CO LTD) 13 February 1991 (1991-02-13) * abstract; figure 1 *	1-9	INV. A61B8/00 G16K11/02
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A	GB 2 386 377 A (EVERLIGHT CHEM IND CORP [TW]) 17 September 2003 (2003-09-17) * abstract *	1	
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			TECHNICAL FIELDS CLASSIFIED (IPC)
			G16K
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Index of search		Inventor	
Munich		Trique, Michael	
Date of completion of the search		5 November 2008	
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same kind A : prior art document P : non-written disclosure F : intermediate document T : theory or principle underlying the invention D : drawing of the document, but published on or after the filing date of the application O : document cited in the application I : document cited for other reasons & : member of the same patent family, corresponding document			