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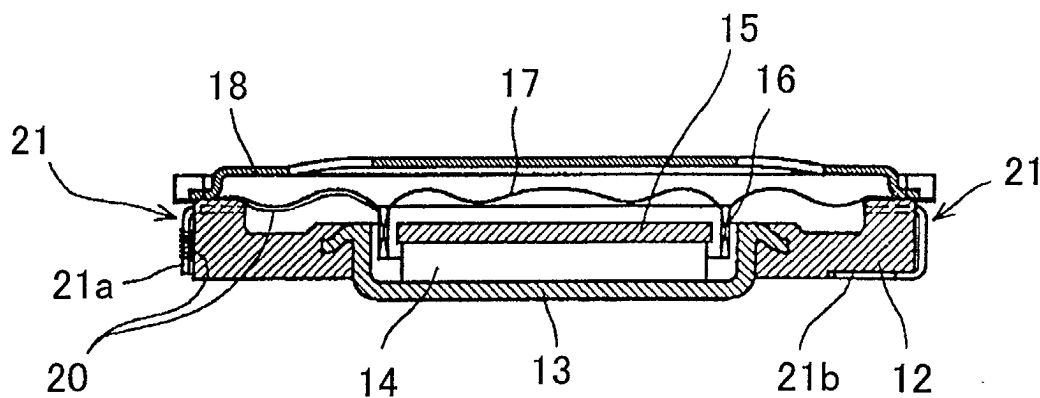
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(54) **Microspeaker**

(57) A microspeaker has a case, a vibrating plate, a voice coil secured to the vibrating plate. A pair of leads are embedded in one of members made of plastic. Both end portions of each of the leads are projected from the

case. Each of both ends of the voice coil is secured to one of the projected end portions of each of the leads. Both the projected end portions of each of the leads are bent along a periphery of the case.

**FIG. 1**





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# EUROPEAN SEARCH REPORT

Application Number  
EP 01 30 8948

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	US 5 181 253 A (JORDAN ET AL) 19 January 1993 (1993-01-19) * column 1, lines 5-10 * * column 3, line 35 - column 5, line 47 * * figure 1 *	1-6	H04R9/06
A	----- US 4 315 112 A (HOFER ET AL) 9 February 1982 (1982-02-09) * figure 2 * * column 1, lines 5-7 * * column 3, lines 5-10 *	1	
A	----- PATENT ABSTRACTS OF JAPAN vol. 006, no. 259 (E-149), 17 December 1982 (1982-12-17) -& JP 57 154997 A (DAINI SEIKOSHA KK), 24 September 1982 (1982-09-24) * abstract * * figures 2,3 *	1-3	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H04R
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 22 February 2005	Examiner Fachado Romano, A
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			

3  
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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 30 8948

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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22-02-2005

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