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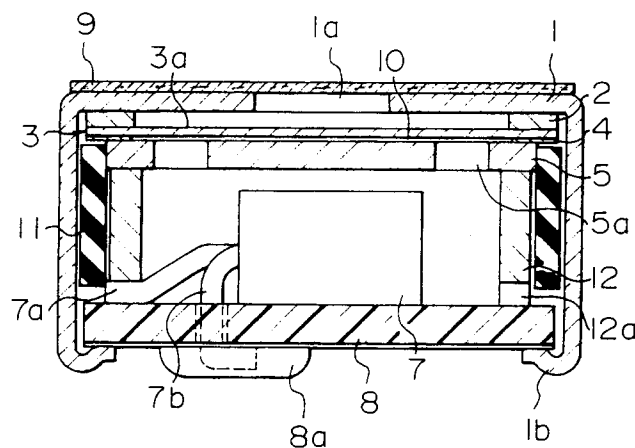
0 499 237 A3

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D-80331 München (DE)(54) **Electret capacitor microphone.**

(57) An electret capacitor microphone (ECM) can be assembled by an automatic assembly machine, and has an excellent thermal resistance against the influence of heat during the assembly. The ECM includes a cylindrical metal gate ring which is to be subjected to a caulking force, instead of an insulator

made of a resin having a lower thermal resistance. The ECM has an amplifier block consisting of a first assembly sub-block having a backplate and the metal gate ring, and a second assembly sub-block having an FET and a printed circuit board so as to be assembled by an automatic assembly machine.

FIG. 1**EP 0 499 237 A3**



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EUROPEAN SEARCH REPORT

Application Number

EP 92 10 2344

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.5)
X	EP-A-0 371 620 (MATSUSHITA) * column 1, line 1-3 * * column 2, line 45 - column 3, line 19 * * column 4, line 36 - column 6, line 20 * * column 7, line 10 - line 41 * * column 8, line 47 - column 11, line 21 * ---	1-7	H04R19/04
A	EP-A-0 147 373 (ERICSSON) * page 2, line 5 - page 3, line 27 * ---	1-7	
A	PATENT ABSTRACTS OF JAPAN vol. 11, no. 174 (E-513)4 June 1987 & JP-A-62 007 300 (MATSUSHITA) 14 January 1987 * abstract * -----	1-7	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H04R
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 24 AUGUST 1993	Examiner ZANTI P.V.L.
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			