

Title (en)

Electret capacitor microphone and method for the assembly.

Title (de)

Elektret Kondensator Mikrofon und Verfahren zu dessen Herstellung.

Title (fr)

Microphone capacitif à électret et methode d'assemblage.

Publication

**EP 0499237 A2 19920819 (EN)**

Application

**EP 92102344 A 19920212**

Priority

JP 1860791 A 19910212

Abstract (en)

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. <IMAGE>

IPC 1-7

**H04R 19/04**

IPC 8 full level

**H04R 19/04** (2006.01); **H04R 19/01** (2006.01); **H04R 31/00** (2006.01)

CPC (source: EP)

**H04R 19/016** (2013.01)

Cited by

EP2271135A3; SG142141A1; EP1303164A3; EP1298958A3; US6549632B1; CN109640241A; EP0802700A1; NL1002880C2; EP1257150A3; CN100400184C; EP1653770A3; SG140458A1; EP1649718A4; US7239714B2; EP1257150A2; US7275298B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0499237 A2 19920819**; **EP 0499237 A3 19931020**; **EP 0499237 B1 19950510**; CA 2060542 A1 19920813; CA 2060542 C 19981201; DE 69202352 D1 19950614; DE 69202352 T2 19960118; JP H04257200 A 19920911

DOCDB simple family (application)

**EP 92102344 A 19920212**; CA 2060542 A 19920203; DE 69202352 T 19920212; JP 1860791 A 19910212