

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 B1 19950510 (EN)

Application

EP 92102344 A 19920212

Priority

JP 1860791 A 19910212

Abstract (en)

[origin: EP0499237A2] 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