

Title (en)
CAPACITOR MICROPHONE

Title (de)
KONDENSATORMIKROFON

Title (fr)
MICROPHONE A CONDENSATEUR

Publication
EP 1762117 B1 20090819 (DE)

Application
EP 05750240 A 20050519

Priority
• EP 2005005428 W 20050519
• DE 102004024729 A 20040519

Abstract (en)
[origin: WO2005115052A1] The invention relates to a capacitor microphone comprising a microphone housing having a sound inlet and a membrane of a counter electrode associated with the membrane at a small distance from said membrane. The aim of the invention is to provide a capacitor microphone having extremely compact dimensions and a high signal-to-noise ratio without detracting from electroacoustic parameters. According to the invention, the microphone housing consists of two housing parts. The second housing part has a diameter which is larger than the first housing part and the second housing part is arranged on the first housing part in the form of a cap or sleeve and the edge of the membrane is folded back over the edge of the first housing part and fixed to the outside of the first housing part.

IPC 8 full level
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CPC (source: EP US)
H04R 19/04 (2013.01 - EP US); **H04R 2307/029** (2013.01 - EP US)

Citation (examination)
EP 0305540 B1 19941123 - HOSIDEN CORP [JP]

Cited by
DE102012219915A1; US9179234B2

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DE FR GB

DOCDB simple family (publication)
WO 2005115052 A1 20051201; CN 101002503 A 20070718; CN 101002503 B 20121128; DE 102004024729 A1 20051215; DE 502005007951 D1 20091001; EP 1762117 A1 20070314; EP 1762117 B1 20090819; JP 2007538435 A 20071227; JP 4843607 B2 20111221; US 2007242847 A1 20071018; US 7881484 B2 20110201

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