

Title (en)

Circuit assembly and method for testing a microphone and system for operating a microphone with such a circuit assembly

Title (de)

Schaltungsanordnung und Verfahren zum Prüfen eines Mikrofons sowie System zum Betreiben eines Mikrofons mit einer derartigen Schaltungsanordnung

Title (fr)

Agencement de circuit et procédé de vérification d'un microphone ainsi que système de fonctionnement d'un microphone doté d'un tel agencement de circuit

Publication

EP 2728905 B1 20171220 (DE)

Application

EP 13187699 A 20131008

Priority

DE 102012220137 A 20121106

Abstract (en)

[origin: EP2728905A2] The circuit arrangement (100) has a test signal generating section (120), through which the microphone (110) is supplied with test alternating voltage, and an evaluation section (130), which is supplied with a measurement signal, particularly after preamplification and a desired value signal and is formed for dispensing a result signal containing the information about a possible defect of the microphone, where the measurement signal is tapped from the microphone. Independent claims are included for the following: (1) a system with an audio signal replay device for operating a microphone; and (2) a method for testing a microphone, particularly a dynamic microphone.

IPC 8 full level

H04R 29/00 (2006.01)

CPC (source: EP)

H04R 29/004 (2013.01)

Citation (examination)

EBERHARD SENGPIEL: "Prinzip der elektro-akustischen Wandlung", 1 June 2002 (2002-06-01), Internet, XP055282190, Retrieved from the Internet <URL:http://www.sengpielaudio.com/PrinzipDerElektro-AkustischenWandlung.pdf> [retrieved on 20160621]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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