

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 A3 20150520 (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 (search report)

- [X] US 2009028349 A1 20090129 - PARK KYU-EUN [KR]
- [X] EP 2229006 A1 20100915 - TOA CORP [JP]
- [X] US 2005040833 A1 20050224 - YAKABE MASAMI [JP], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2728905 A2 20140507; EP 2728905 A3 20150520; EP 2728905 B1 20171220**; CN 103813256 A 20140521; CN 103813256 B 20180413; DE 102012220137 A1 20140508

DOCDB simple family (application)

**EP 13187699 A 20131008**; CN 201310538160 A 20131104; DE 102012220137 A 20121106