

Title (en)

Method and device for monitoring a loudspeaker line

Title (de)

Verfahren und Einrichtung zur Überwachung einer Lautsprecherlinie

Title (fr)

Procédé et dispositif pour la surveillance d'une ligne de haut-parleurs

Publication

EP 2381703 A3 20160601 (DE)

Application

EP 11155188 A 20110221

Priority

DE 102010028022 A 20100421

Abstract (en)

[origin: EP2381703A2] The method involves communicating a main module (210) arranged at a point of a loudspeaker line and a monitoring module (220) arranged at another distant point of the loudspeaker line. The impedance changes between the loudspeaker line and a ground reference (230) of a transmitting communication member in order to transmit the digital communication signal. An independent claim is also included for a device for monitoring a loudspeaker line of a public address system.

IPC 8 full level

H04R 29/00 (2006.01)

CPC (source: EP)

H04R 29/007 (2013.01)

Citation (search report)

- [IY] JP 2007033288 A 20070208 - TOA CORP
- [Y] EP 0967833 A2 19991229 - PROTEC FIRE DETECTION PLC [GB]
- [A] DE 3627960 C1 19870903 - PHILIPS PATENTVERWALTUNG

Cited by

EP2884773A1; CN110089133A; DE202015001656U1

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 2381703 A2 20111026; EP 2381703 A3 20160601; EP 2381703 B1 20191211; DE 102010028022 A1 20111027

DOCDB simple family (application)

EP 11155188 A 20110221; DE 102010028022 A 20100421