

Title (en)

CONFIGURABLE MICROPHONE ARRAY, AND METHOD FOR CONFIGURING A MICROPHONE ARRAY

Title (de)

KONFIGURIERBARES MIKROFONARRAY UND VERFAHREN ZUM KONFIGURIEREN EINES MIKROFONARRAYS

Title (fr)

RÉSEAU CONFIGURABLE DE MICROPHONES ET PROCÉDÉ DE CONFIGURATION D'UN RÉSEAU DE MICROPHONES

Publication

EP 3704869 A1 20200909 (DE)

Application

EP 18748888 A 20180727

Priority

- US 201715800864 A 20171101
- EP 2018070382 W 20180727

Abstract (en)

[origin: US10171906B1] Microphone arrays with automatic beam focusing may easily focus on disturbing sound sources. In order to prevent this unwanted behavior, a predefined control sound signal is replayed from a direction of a disturbing sound source. The microphone array detects the predefined control sound signal, determines the direction of replay and in response performs a re-configuration according to the control sound signal. The reconfiguration may comprise eliminating the direction from its scanning range or cancel a previously made elimination of a different direction.

IPC 8 full level

H04R 1/40 (2006.01); **H04R 3/00** (2006.01); **H04R 29/00** (2006.01)

CPC (source: EP US)

G10K 11/34 (2013.01 - EP US); **H04R 1/406** (2013.01 - EP US); **H04R 3/005** (2013.01 - EP US); **H04R 29/004** (2013.01 - EP US); **G10K 2210/11** (2013.01 - US); **H04R 3/00** (2013.01 - US); **H04R 2430/20** (2013.01 - EP US)

Citation (examination)

US 2012134507 A1 20120531 - DIMITRIADIS DIMITRIOS B [US], 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)

US 10171906 B1 20190101; EP 3704869 A1 20200909; WO 2019086151 A1 20190509

DOCDB simple family (application)

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