

Title (en)

SYSTEM AND APPARATUS FOR TRACKING MOVING AUDIO SOURCES

Title (de)

SYSTEM UND VORRICHTUNG ZUR VERFOLGUNG VON BEWEGLICHEN TONQUELLEN

Title (fr)

SYSTÈME ET APPAREIL DE SUIVI DE SOURCES AUDIO MOBILES

Publication

EP 3409025 A1 20181205 (EN)

Application

EP 16704399 A 20160127

Priority

EP 2016051709 W 20160127

Abstract (en)

[origin: WO2017129239A1] A method comprises: receiving frequency domain representations of at least two audio signals, each recorded by a respective microphone of a microphone array comprising at least two microphones, the audio signals including at least one component resulting from one or more moving audio sources, wherein the frequency domain representations each comprise a plurality of time frames; determining, based on the frequency domain representations of the at least two audio signals, a spatial energy distribution over a set of directions around the recording module array for each time frame; converting the spatial energy distribution into multiple direction-of-arrival measurements; and based on at least a subset of the direction-of-arrival measurements, performing acoustical tracking to identify the one or more moving audio sources and their associated directions relative to the recording module array for each time frame.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2017129239A1

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