

Title (en)

METHOD AND DEVICE FOR IDENTIFYING ACOUSTIC ANOMALIES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERKENNUNG VON AKUSTISCHEN ANOMALIEN

Title (fr)

PROCÉDÉ ET DISPOSITIF D'IDENTIFICATION D'ANOMALIES ACOUSTIQUES

Publication

**EP 4097695 B1 20240221 (DE)**

Application

**EP 21702020 A 20210127**

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Abstract (en)

[origin: WO2021151915A1] The invention relates to a method (100) for detecting anomalies, comprising the following steps: obtaining a long-term recording (113) containing a plurality of first audio segments (ABCD) each allocated to respective first time windows; analysing the plurality of first audio segments (ABCD) to obtain for each of the plurality of first audio segments (ABCD) a first feature vector describing the respective first audio segment (ABCD); obtaining a further recording (123) containing one or more second audio segments (ABCD) each allocated to respective second time windows; analysing the one or more second audio segments (ABCD) to obtain one or more feature vectors describing the one or more second audio segments (ABCD); comparing the one or more second feature vectors with the plurality of first feature vectors to identify at least one anomaly, such as a time, tonal or spatial anomaly.

IPC 8 full level

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