

Title (en)
METHOD AND APPARATUS FOR AIRBORNE-SOUND ACOUSTIC MONITORING OF AN EXTERIOR AND/OR AN INTERIOR OF A VEHICLE,
VEHICLE AND COMPUTER-READABLE STORAGE MEDIUM

Title (de)
VERFAHREN UND VORRICHTUNG ZUR LUFTSCHALLAKUSTISCHEN ÜBERWACHUNG EINES AUßEN- UND/ODER EINES INNENRAUMS
EINES FAHRZEUGS, FAHRZEUG SOWIE COMPUTERLESBARES SPEICHERMEDIUM

Title (fr)
PROCÉDÉ ET DISPOSITIF DE SURVEILLANCE ACOUSTIQUE DE BRUIT AÉRIEN D'UN ESPACE EXTERNE ET/OU INTERNE D'UN
VÉHICULE, VÉHICULE AINSI QUE SUPPORT D'INFORMATIONS LISIBLE PAR ORDINATEUR

Publication
EP 3791385 A1 20210317 (DE)

Application
EP 19709908 A 20190307

Priority
• DE 102018207280 A 20180509
• EP 2019055738 W 20190307

Abstract (en)
[origin: WO2019214866A1] The invention relates to a method for airborne-sound acoustic monitoring of an exterior and/or an interior of a vehicle, in which at least one microphone (1) is used to convert airborne sound into an electrical signal (S) and to route it for evaluation purposes to a device for voice and/or sound recognition (2). According to the invention, the electrical signal (S) is subjected to a pre-evaluation in a device for trigger detection (3), and detection of a trigger results in the device for voice and/or sound recognition (2) being moved from an inactive or partially active state to a fully active state by means of the device for trigger detection (3). Further, the invention relates to an apparatus for airborne-sound acoustic monitoring of an exterior and/or an interior of a vehicle and to a vehicle having such an apparatus. The subject matter of the invention is also a computer-readable storage medium.

IPC 8 full level
G10L 15/22 (2006.01); **G10L 15/08** (2006.01); **G10L 15/28** (2013.01)

CPC (source: EP KR US)
G10K 11/17837 (2018.01 - US); **G10K 11/17881** (2018.01 - US); **G10L 15/08** (2013.01 - EP KR); **G10L 15/22** (2013.01 - EP KR);
G10L 15/28 (2013.01 - EP KR); **G10L 21/0216** (2013.01 - US); **H04R 3/005** (2013.01 - KR US); **G10K 2210/1281** (2013.01 - US)

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)
WO 2019214866 A1 20191114; CN 112106133 A 20201218; CN 112106133 B 20241018; DE 102018207280 A1 20191114;
EP 3791385 A1 20210317; JP 2021520521 A 20210819; JP 7282804 B2 20230529; KR 20210008022 A 20210120; US 11322130 B2 20220503;
US 2021304724 A1 20210930

DOCDB simple family (application)
EP 2019055738 W 20190307; CN 201980030745 A 20190307; DE 102018207280 A 20180509; EP 19709908 A 20190307;
JP 2020560767 A 20190307; KR 20207034969 A 20190307; US 201917054105 A 20190307