

Title (en)

SYSTEMS AND METHODS FOR PROVIDING A SOUND MASKING ENVIRONMENT

Title (de)

SYSTEME UND VERFAHREN ZUR BEREITSTELLUNG EINER SCHALLMASKIERUNGSUMGEBUNG

Title (fr)

SYSTÈMES ET PROCÉDÉS PERMETTANT UN ENVIRONNEMENT MASQUANT LE SON

Publication

**EP 3920690 A1 20211215 (EN)**

Application

**EP 20751888 A 20200204**

Priority

- US 201916266781 A 20190204
- US 2020016617 W 20200204

Abstract (en)

[origin: WO2020163362A1] A system is described herein that comprises a collar device including a sound masking component, the collar device including one or more collar device sensors for detecting physiological data of an animal. The system includes one or more environmental sensors configured to detect environmental data of the animal's environment and to transmit the environmental data to the collar device. The collar device comprises one or more applications running on at least one processor for detecting an occurrence of one or more events using at least one of the physiological data, the environmental data, and outcome data. The one or more applications are configured to use information of the one or more events to select a sound masking signal for delivery after the occurrence of the one or more events. The system includes a sound masking component for delivering the sound masking signal.

IPC 8 full level

**A01K 27/00** (2006.01); **A61B 5/00** (2006.01); **A61B 5/16** (2006.01); **G10K 11/16** (2006.01); **G10K 11/178** (2006.01)

CPC (source: EP)

**A01K 11/00** (2013.01); **A01K 15/021** (2013.01); **A01K 27/001** (2013.01); **A01K 29/005** (2013.01); **A61B 5/0002** (2013.01); **A61B 5/1113** (2013.01); **A61B 5/165** (2013.01); **A61B 5/6822** (2013.01); **G10K 11/1752** (2020.05); **A61B 5/01** (2013.01); **A61B 5/02055** (2013.01); **A61B 5/021** (2013.01); **A61B 5/02438** (2013.01); **A61B 5/0816** (2013.01); **A61B 5/1118** (2013.01); **A61B 2503/40** (2013.01); **G08B 21/0211** (2013.01); **G08B 21/0283** (2013.01)

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 2020163362 A1 20200813**; AU 2020217761 A 20210923; CA 3128504 A1 20200813; CN 113631030 A 20211109; EP 3920690 A1 20211215; EP 3920690 A4 20221026

DOCDB simple family (application)

**US 2020016617 W 20200204**; AU 2020217761 A 20200204; CA 3128504 A 20200204; CN 202080024762 A 20200204; EP 20751888 A 20200204