

Title (en)

DEVICE AND METHOD FOR MONITORING AND VISUALIZING SOUND LEVEL

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ÜBERWACHUNG UND VISUALISIERUNG DES SCHALLPEGELS

Title (fr)

DISPOSITIF ET PROCÉDÉ DE SURVEILLANCE ET DE VISUALISATION DU NIVEAU SONORE

Publication

**EP 4237805 A1 20230906 (EN)**

Application

**EP 21887002 A 20211029**

Priority

- NO 20201184 A 20201029
- NO 2021050226 W 20211029

Abstract (en)

[origin: WO2022093039A1] Device and method for measuring and visualizing the sound level in a place where at least two persons are gathered, comprising at least one sound detector which is connected to at least one visualization device in such a way that the visualization device responds to sound locally. The visualization device is arranged with a light source and arranged to provide a gradually increasing response to a gradually decreasing sound level. The visualization device further comprises a modulator which is arranged to supply the emitted light with at least one optical modulation. The modulation may increase or decrease with gradually decreasing sound level. Instructions are provided for use in meeting rooms such as school classes, kindergarten departments, meeting rooms, party rooms and group rooms for people with special behavioral challenges.

IPC 8 full level

**G01H 11/06** (2006.01); **A63J 17/00** (2006.01); **G01D 7/00** (2006.01); **G02F 1/01** (2006.01); **H04R 29/00** (2006.01); **H05B 47/12** (2020.01)

CPC (source: EP NO)

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Citation (search report)

See references of WO 2022093039A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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