

Title (en)

DEVICE AND METHOD FOR REPRODUCING AT LEAST ONE ACOUSTIC SIGNAL

Title (de)

VORRICHTUNG UND VERFAHREN ZUR WIEDERGABE MINDESTENS EINES AKUSTISCHEN SIGNALS

Title (fr)

DISPOSITIF ET PROCÉDÉ DE RETRANSMISSION D'AU MOINS UN SIGNAL OPTIQUE

Publication

**EP 4278616 A1 20231122 (DE)**

Application

**EP 22701902 A 20220113**

Priority

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- EP 2022050640 W 20220113

Abstract (en)

[origin: WO2022152789A1] The invention relates to a device (110) for reproducing (112) an acoustic signal (114), comprising: • a laser element (132) for emitting (134) an optical signal (136) to a target medium (138) in such a way that transmission (140) of the optical signal (136) to the target medium (138) and reproduction (112) of the acoustic signal (114) by means of the target medium (138) takes place, the target medium (138) being configured for conversion of the optical signal (136) into the acoustic signal (114); and • a control interface (120) which, from the electronic signal (122) which is correlated with the acoustic signal (114) to be transmitted and to be reproduced, provides a control signal (130) to the laser element (132) for controlling the emission (134) of the optical signal (136). The device (110) enables reproduction (140) of acoustic signals (114) at a location (116) which is largely freely selectable and in particular is remote from the signal source, with broadband spectral characteristics, without the need for a receiver or decoder or a local power supply for this purpose.

IPC 8 full level

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