

Title (en)

AUDIO OUTPUT SYSTEM FOR A VEHICLE

Title (de)

AUDIOAUSGABESYSTEM FÜR EIN FAHRZEUG

Title (fr)

SYSTÈME DE SORTIE AUDIO POUR VÉHICULE

Publication

EP 3857708 A1 20210804 (DE)

Application

EP 19779811 A 20190925

Priority

- DE 102018216422 A 20180926
- EP 2019075852 W 20190925

Abstract (en)

[origin: WO2020064831A1] The invention relates to an audio output system for a vehicle. The audio output system according to the invention has a volume adjustment apparatus for adjusting a volume of an audio signal, an audio input for an audio input signal of an audio source, a warning sound apparatus for providing a warning sound signal, an audio level measurement apparatus for measuring the audio level on the audio input and a control unit. The audio level measurement apparatus is designed to limit the maximum audio level of the audio input signal as a function of the adjusted volume to a predefined first threshold value. The control unit is designed to control an audio output signal based on the warning sound signal, the audio input signal and the adjusted volume and to output an acoustic or visual notification when the audio input signal present at the audio input has no audio level.

IPC 8 full level

H03G 3/30 (2006.01); **B60R 11/02** (2006.01); **H03G 7/00** (2006.01)

CPC (source: EP US)

B60Q 9/00 (2013.01 - US); **G06F 3/165** (2013.01 - US); **G08B 7/00** (2013.01 - US); **H03G 3/3005** (2013.01 - EP US); **H03G 7/002** (2013.01 - EP);
H04B 1/082 (2013.01 - US); **H04R 3/00** (2013.01 - EP US); **B60R 11/0217** (2013.01 - EP); **H04R 2430/01** (2013.01 - EP US);
H04R 2499/13 (2013.01 - EP US)

Citation (search report)

See references of WO 2020064831A1

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)

DE 102018216422 B3 20200319; EP 3857708 A1 20210804; US 11648875 B2 20230516; US 2021387572 A1 20211216;
WO 2020064831 A1 20200402

DOCDB simple family (application)

DE 102018216422 A 20180926; EP 19779811 A 20190925; EP 2019075852 W 20190925; US 201917278460 A 20190925