

3 Documents

Publication numbers	Title	Current assignees
WO201092207 A1	Improved system for audio signal communication via bluetooth	CAR AUDIO IMP 2005
EP2398255 A1	Simultaneous control system for lighting and audio devices	EQUIPSON
ES1071612U U	DEVICE REPRODUCITOR-MODULADOR OF THE VOICE	LINEAS & CABLES

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Title

(WO201092207)

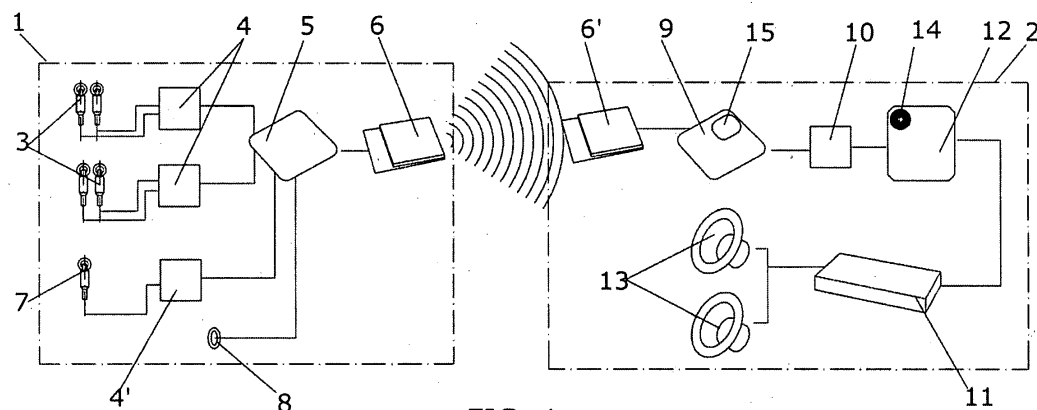
Improved system for **audio** signal communication via bluetooth**Images**

FIG. 1

Publication numbers with kind code & date

ES2344094	B1	2011-06-20	ES2344094
WO2010/092207	A1	2010-08-19	WO201092207
ES2344094	A1	2010-08-17	ES2344094

**Abstract**

(WO2010/092207)

The invention relates to an improved system for **audio** signal communication via Bluetooth for automobiles equipped with said technology, consisting of two parts: a transmitter (1) comprising a series of **audio** signal sources (3) and the corresponding analog-to-digital converters (4) thereof, connected to a digital signal processor (5) in turn connected to a Bluetooth module (6), as well as a subwoofer signal input (7) including an analog-to-digital converter (4') and linked to the microprocessor (5) with another control or data channel (8); and a receiver (2) operating in digital format with high-frequency signal sampling and a Bluetooth module (6') communicating with another microprocessor (9) which connects to a digital-to-analog converter (10), in turn connecting to a power stage device (11) via an impedance equaliser and adapter (12) which transmits the sound to the speakers (13).

Inventors

BORJA LUCHA JUAN PEDRO

PONS ALVARES PEDRO MIGUEL

Latest standardized assignees - inventors removedCAR **AUDIO** IMP 2005

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Title

(EP2398255)

Simultaneous control system for lighting and **audio** devices**Images**

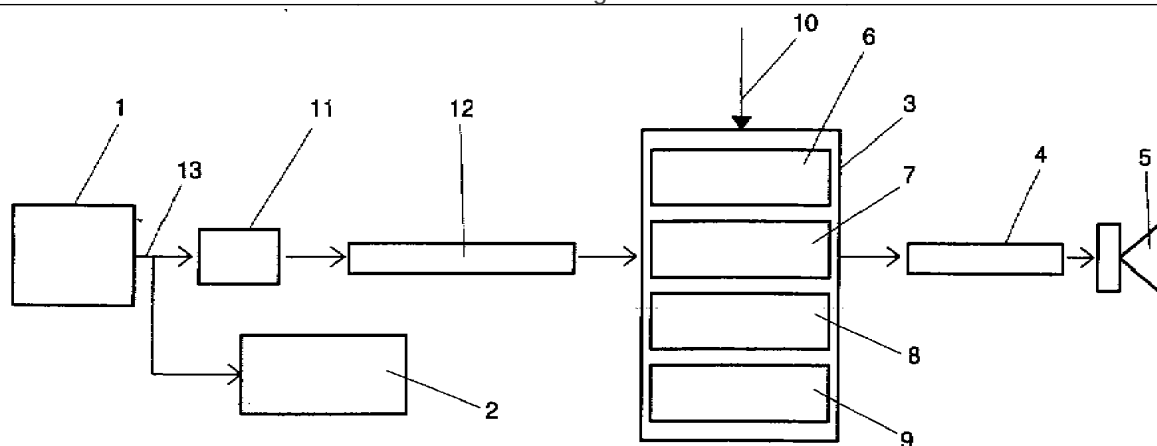


FIG. 1

Publication numbers with kind code & date

EP2398255	A4	2012-10-24	EP2398255
EP2398255	A1	2011-12-21	EP2398255
ES2344044	B1	2011-06-20	ES2344044
WO2010/092197	A1	2010-08-19	WO201092197
ES2344044	A1	2010-08-16	ES2344044

**Abstract**

(EP2398255)

The system consists of means (11, 12) for converting signals corresponding to the DMX-512 lighting protocol into command signals which can be understood by an **audio** block (3) such that at least some of the controls of a light control element (1) facilitate control of at least some of the functions of that **audio** block (3) such as volume control (6), **audio** source selection (7), equalization adjustment (8), playback control (9) or others. Said means preferably consist of a microcontroller circuit (12) and a driver circuit (11) which are interconnected between said control element (1) and said **audio** block (3).

Inventors

VILA ORTIZ JOSE

Latest standardized assignees - inventors removed

EQUIPSON

Family 3/3 - FAMPAT - ©Questel

Title

(ES1071612U)

DEVICE REPRODUCITOR-MODULADOR OF THE VOICE

Publication numbers with kind code & date

ES1071612	Y	2010-06-14	ES1071612Y
ES1071612	U	2010-03-17	ES1071612U

**Abstract**

(ES1071612)

1. Device reproducer-modulator of the voice, that being of the type of the used ones in therapies of auditory feedback altered, corno technical proven of inhibition of the processes and variables of the speech that characterize to the people stammerers, is characterized because it is constituted from a housing in whose sine a microphone associated to a module settles down at least voice shroud, previous passage by a filter, circuit associate shroud of voice as well to a processing of the DS, equipped with a control adjustment with the level with echo or corporal loudness, based on the signals of entrance

through commented microphone, as well as of programming of control of the retardation of the signal projection of the circuit voice shroud, circuit voice shroud whose exit settles down a **ecualizador** of 2 bands of the **audio** frequency of the signal of exit, associated to a digital processing, habiendose anticipated that when coming out of the **ecualizador** settles down a control system of the volume of the signal connected to an amplifier, to which the corresponding earpieces will be connected, previous passage of the signal of exit by a filter, with the particularity of which the mentioned digital processing incorporates means of control of the level of echo, control of the retardation, control of transferring of frequency, the **ecualizador** and of sensitivity/microacoustic answer. 2. Device reproducer-modulator of the voice, according to claim 1^a, wherein the electronics of the same is fed on an associate electrical battery a converter of continuous, with the particularity of which the device incorporates warning means of level under battery by means of generation of a signal of **audio**.

Inventors

ALMAZAN SANCHEZ JESUS

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