

Title (en)

Wearable sound box apparatus

Title (de)

Tragbare Schalldosenvorrichtung

Title (fr)

Appareil de caisse acoustique portable

Publication

**EP 2999237 A1 20160323 (EN)**

Application

**EP 14185305 A 20140918**

Priority

EP 14185305 A 20140918

Abstract (en)

A wearable sound box apparatus is disclosed. In one embodiment, the disclosed sound box apparatus may include a wearable element having both ends thereof extended to form two sound box accommodating areas. The wearable element may be structurally hollow, allowing for a printed circuit board (PCB), a battery, and a reflection tube to be placed therein. A sound unit placed within each of the sound box accommodating areas may be electrically connected to the PCB through a signal line. When the sound unit operates, sound waves from the sound unit are reflected within the wearable element and corresponding inverted sound waves are transmitted out of the wearable element by the reflection tube.

IPC 8 full level

**H04R 5/033** (2006.01); **H04R 1/28** (2006.01); **H04R 1/10** (2006.01); **H04R 9/06** (2006.01)

CPC (source: EP)

**H04R 1/2819** (2013.01); **H04R 5/0335** (2013.01); **H04R 1/105** (2013.01); **H04R 1/2857** (2013.01); **H04R 9/06** (2013.01); **H04R 2400/11** (2013.01)

Citation (search report)

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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)

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