

Title (en)

A personal voice-transmitting device

Title (de)

Persönliche Sprachübertragungsvorrichtung

Title (fr)

Dispositif personnel de transmission de voix

Publication

**EP 1843627 B1 20180725 (EN)**

Application

**EP 06126546 A 20061219**

Priority

CN 200610066726 A 20060405

Abstract (en)

[origin: EP1843627A1] A personal voice-transmitted device includes at least one voice box and at least one voice-transmitted tube. The voice box has a speaker arranged therein, and is divided to a first space and a second space by the speaker. The voice-transmitted tube connects to one side of the voice box and extends outwardly and has an outlet. The device can generate and retain a low-pitched tone by resonance of the first space, and the low-pitched tone can be transmitted to the outside by the voice-transmitted tube to form an excellent low-pitched tone. The drawbacks of the prior art such as poor tone because of using an earphone, a shutting stress and an uncomfortable feeling because of inserting an earphone, an unsafe feeling because of hanging an earphone and a sanitation problem because of contacting an earphone can be improved. The device can be used with no restriction on occasions and time.

IPC 8 full level

**H04R 1/10** (2006.01)

CPC (source: EP)

**H04R 1/1091** (2013.01); **H04R 1/105** (2013.01); **H04R 1/1058** (2013.01); **H04R 2201/023** (2013.01)

Citation (examination)

- WO 0005924 A1 20000203 - RESOUND CORP [US]
- US 4864610 A 19890905 - STEVENS TONI R [US]
- KR 20050013725 A 20050205 - CRESYN CO LTD
- DE 29720969 U1 19980212 - LEE CHUN SHENG [TW]
- WO 9950706 A1 19991007 - RENNA EGIDIO [IT]
- US 2006008106 A1 20060112 - HARPER PATRICK S [US]

Cited by

ITGE20120066A1; CN110507042A; US10063958B2; US9723396B2; US10911864B2; WO2016073391A1; US8111854B2; US9036851B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1843627 A1 20071010; EP 1843627 B1 20180725; EP 1843627 B8 20180905**; CN 101052238 A 20071010; CN 101052238 B 20130501

DOCDB simple family (application)

**EP 06126546 A 20061219**; CN 200610066726 A 20060405