

Title (en)

Method and system for controlling a maximum signal level output to headphones coupled to a wireless device

Title (de)

Verfahren und System zur Steuerung eines maximalen Signalpegelausgangs für an eine drahtlose Vorrichtung gekoppelte Kopfhörern

Title (fr)

Procédé et système de contrôle d'une sortie de niveau du signal maximum dans des écouteurs couplés à un dispositif sans fil

Publication

**EP 2453672 B1 20130501 (EN)**

Application

**EP 11195765 A 20090227**

Priority

- EP 11195765 A 20090227
- EP 11176831 A 20090227
- EP 09154033 A 20090227

Abstract (en)

[origin: EP2224749A1] A method for controlling a maximum signal level output to headphones of a wireless device is provided. The method includes: determining an impedance of the headphones; determining a carrier specific maximum signal level for headphones having the impedance; and, adjusting an audio amplifier of the wireless device coupled to the headphones to restrict the maximum signal level output to the headphones to the carrier specific maximum signal level.

IPC 8 full level

**H04R 5/04** (2006.01); **H04R 1/10** (2006.01); **H04R 5/033** (2006.01); **H04R 29/00** (2006.01)

CPC (source: EP)

**H04R 5/04** (2013.01); **H04R 1/10** (2013.01); **H04R 5/033** (2013.01); **H04R 29/001** (2013.01); **H04R 2430/01** (2013.01); **H04R 2460/07** (2013.01); **H04R 2499/11** (2013.01)

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

**EP 2224749 A1 20100901**; **EP 2224749 B1 20111026**; AT E531208 T1 20111115; CA 2691308 A1 20100827; CA 2691308 C 20140401; CN 101820697 A 20100901; CN 101820697 B 20141217; EP 2387254 A2 20111116; EP 2387254 A3 20111228; EP 2387254 B1 20151111; EP 2453672 A1 20120516; EP 2453672 B1 20130501

DOCDB simple family (application)

**EP 09154033 A 20090227**; AT 09154033 T 20090227; CA 2691308 A 20100128; CN 201010125928 A 20100225; EP 11176831 A 20090227; EP 11195765 A 20090227