

Title (en)

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

Title (de)

Verfahren und System zum Steuern einer maximalen Signalstufenausgabe and Kopfhörer, die mit einer Funkvorrichtung gekoppelt sind

Title (fr)

Procédé et système pour le contrôle d'une sortie de niveau de signal maximum vers des écouteurs raccordés à un dispositif sans fil

Publication

EP 2224749 A1 20100901 (EN)

Application

EP 09154033 A 20090227

Priority

EP 09154033 A 20090227

Abstract (en)

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)

Citation (applicant)

- DE 102007032281 A1 20090115 - AUSTRIAMICROSYSTEMS AG [AT]
- WO 2008128563 A1 20081030 - PHONAK AG [CH], et al
- EP 1720375 A1 20061108 - OTICON AS [DK]
- US 2006182294 A1 20060817 - GRASBON FELIX [DE], et al

Citation (search report)

- [Y] DE 102007032281 A1 20090115 - AUSTRIAMICROSYSTEMS AG [AT]
- [Y] WO 2008128563 A1 20081030 - PHONAK AG [CH], et al
- [Y] EP 1720375 A1 20061108 - OTICON AS [DK]
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Cited by

EP2763433A1; EP3214855A1; US9143863B2; US9872117B2

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

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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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