

Title (en)

AUDIO OUTPUT DEVICE AND METHOD OF CONTROLLING THE SOUND OUTPUT OF AN ELECTRONIC DEVICE

Title (de)

AUDIOAUSGABEVORRICHTUNG UND VERFAHREN ZUR KONTROLLE DER AKUSTISCHEN AUSGABE EINER ELEKTRONISCHEN VORRICHTUNG

Title (fr)

DISPOSITIF DE SORTIE AUDIO ET PROCÉDÉ DE COMMANDE DE LA SORTIE SONORE D'UN DISPOSITIF ÉLECTRONIQUE

Publication

EP 3499912 A1 20190619 (EN)

Application

EP 17207465 A 20171214

Priority

EP 17207465 A 20171214

Abstract (en)

An audio output device (100) has a plurality of sound outlets (102) for outputting sound. The audio output device (100) has a proximity sensor (104) for determining the position of a user's ear (106) in relation to at least one of the sound outlets (102). The audio output device (100) is configured to adjust the relative volume of sound output by one or more of the sound outlets (102) based on the determined position of the user's ear (106).

IPC 8 full level

H04R 1/34 (2006.01)

CPC (source: EP)

H04R 1/345 (2013.01); **H04R 2430/01** (2013.01); **H04R 2499/11** (2013.01)

Citation (search report)

- [XII] US 2009226013 A1 20090910 - BURGE BENJAMIN D [US]
- [I] US 2016191097 A1 20160630 - HUH JAE-YOUNG [KR], et al
- [XI] US 2010046766 A1 20100225 - GREGG JUSTIN [US], et al
- [XI] WO 2011001012 A1 20110106 - NOKIA CORP [FI], et al

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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DOCDB simple family (application)

EP 17207465 A 20171214; TR 201722718 A 20171228