

Title (en)

DEVICE AND METHOD FOR DETECTING REMOVAL OF AN IN-THE-EAR HEADPHONE FROM A USER'S EAR

Title (de)

VORRICHTUNG UND VERFAHREN ZUR DETEKTION DER ENTFERNUNG EINES IM-OHR-KOPFHÖRERS VOM OHR EINES BENUTZERS

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR DÉTECTER LE RETRAIT D'UN CASQUE D'ÉCOUTE DE L'OREILLE D'UN UTILISATEUR

Publication

EP 3499910 B1 20221228 (EN)

Application

EP 17207463 A 20171214

Priority

EP 17207463 A 20171214

Abstract (en)

[origin: EP3499910A1] A user device (102) can detect an ear-fitting headphone (100) being removed from an ear of a user wearing the ear-fitting headphone (100) by determining that a capacitance of a capacitive sensor (106) of the ear-fitting headphone (100) has changed. The user device (102) can notify the user that the ear-fitting headphone (100) has been removed from the ear if it is determined that the capacitance of the capacitive sensor (106) has changed over a time period by an amount greater than a threshold.

IPC 8 full level

H04R 1/10 (2006.01)

CPC (source: EP)

H04R 1/1016 (2013.01); **H04R 2420/07** (2013.01)

Cited by

EP4210345A1; EP4047946A1; US11950041B2; WO2023274080A1

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DOCDB simple family (publication)

EP 3499910 A1 20190619; EP 3499910 B1 20221228; TR 201722638 A2 20190722

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