

Title (en)

WIRELESS DEVICE CONNECTION HANDOVER

Title (de)

VERBINDUNGSÜBERGABE FÜR DRAHTLOSE VORRICHTUNGEN

Title (fr)

TRANSFERT DE CONNEXION DE DISPOSITIF SANS FIL

Publication

**EP 3892007 A1 20211013 (EN)**

Application

**EP 19805035 A 20191028**

Priority

- US 201816212269 A 20181206
- US 2019058272 W 20191028

Abstract (en)

[origin: WO2020117403A1] A system and method includes a first device (e.g., a primary wireless in-ear device) connected to a second device (e.g., a secondary wireless in-ear device) using a first wireless connection. The first device is also connected to a third device (e.g., a smartphone or smart watch) using a second wireless connection. The first device and second device determine signal quality metrics corresponding to the quality of the wireless signal received by each from the third device. If the second device reports having a better signal quality, communication with the third device is handed off from the first device to the second device.

IPC 8 full level

**H04R 1/10** (2006.01); **H04R 5/033** (2006.01); **H04R 25/00** (2006.01); **H04W 36/00** (2009.01); **H04W 76/34** (2018.01); **H04W 84/20** (2009.01)

CPC (source: EP)

**H04M 1/05** (2013.01); **H04M 1/6066** (2013.01); **H04M 1/72412** (2021.01); **H04R 5/033** (2013.01); **H04R 25/552** (2013.01); **H04R 25/554** (2013.01); **H04R 1/1041** (2013.01); **H04R 2201/109** (2013.01); **H04R 2225/55** (2013.01); **H04R 2420/07** (2013.01); **H04W 36/035** (2023.05); **H04W 76/14** (2018.02); **H04W 76/15** (2018.02); **H04W 76/34** (2018.02); **H04W 84/18** (2013.01); **H04W 88/04** (2013.01)

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)

**WO 2020117403 A1 20200611**; EP 3892007 A1 20211013

DOCDB simple family (application)

**US 2019058272 W 20191028**; EP 19805035 A 20191028