

Title (en)

LOUDSPEAKER ASSEMBLY AND HEADPHONES FOR SPATIALLY LOCALIZING A SOUND EVENT

Title (de)

LAUTSPRECHERANORDNUNG UND KOPFHÖRER ZUM RÄUMLICHEN LOKALISIEREN EINES SCHALLEREIGNISSES

Title (fr)

ENSEMBLE HAUT-PARLEUR ET ÉCOUTEUR PERMETTANT DE LOCALISER SPATIALEMENT UN ÉVÉNEMENT SONORE

Publication

**EP 3669554 A1 20200624 (DE)**

Application

**EP 18755462 A 20180814**

Priority

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- EP 2018072035 W 20180814

Abstract (en)

[origin: WO2019034656A1] The invention relates to a loudspeaker assembly (1), in particular for on-ear headphones, for arranging on and/or over the ear (2), comprising a housing (3), in which a woofer (4), by means of which low-tone sound waves can be emitted along a low-tone sound axis (5) toward the ear (2), and at least one tweeter (6), by means of which high-tone sound waves can be emitted along a high-tone sound axis (7), are arranged. According to the invention, the at least one tweeter (6) is a MEMS loudspeaker.

IPC 8 full level

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Cited by

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**WO 2019034656 A1 20190221**; AU 2018319201 A1 20200312; CA 3072978 A1 20190221; CN 111213387 A 20200529; CN 111213387 B 20220819; DE 102017118815 A1 20190221; EP 3669554 A1 20200624; KR 20200059218 A 20200528; SG 11202001322S A 20200330; TW 201914317 A 20190401; US 11146874 B2 20211012; US 2020252710 A1 20200806

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