

Title (en)

METHOD FOR THE IDENTIFICATION OF AN EARPIECE, HEARING SYSTEM AND EARPIECE SET

Title (de)

VERFAHREN ZUR IDENTIFIKATION EINES HÖRERS, HÖRSYSTEM UND HÖRERSET

Title (fr)

PROCÉDÉ D'IDENTIFICATION D'UN ÉCOUTEUR, SYSTÈME AUDITIF ET ENSEMBLE D'ÉCOUTEUR

Publication

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Application

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Priority

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Abstract (en)

[origin: US2019387329A1] A method for the identification of an earpiece belonging to one of a plurality of earpiece types in a hearing aid system includes supplying an electrical input signal to the earpiece for sound output. The input signal is a primary signal, and a secondary signal that depends on the input signal is generated on the basis of the sound output. The secondary signal is captured by a sensor which generates an electrical sensor signal depending on the secondary signal. A phase measurement is furthermore carried out by determining a phase difference between the input signal and the sensor signal. The earpiece is then identified by assigning the earpiece to one of the plurality of earpiece types on the basis of the phase difference. A corresponding hearing aid system and an earpiece set are also provided.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: CN EP US)

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