

Title (en)

Device and method for evaluating interference noises in a binaural hearing device product

Title (de)

Vorrichtung und Verfahren zur Störgeräuschschätzung bei einer binauralen Hörgeräteversorgung

Title (fr)

Dispositif et procédé d'estimation des bruits parasites dans l'arrivée d'un appareil auditif binauréal

Publication

EP 2219389 B1 20111116 (DE)

Application

EP 09178490 A 20091209

Priority

DE 102009009040 A 20090216

Abstract (en)

[origin: EP2219389A1] The apparatus has hearing devices (1A, 1B) e.g. behind-the-ear hearing devices, including omni-directional microphones (3A, 3B) that are electrically connected with each other to form directional microphones having monaural anti-cardioid characteristics (11), respectively. The microphones of the respective devices are wirelessly connected together to form a directional microphone having a binaural figure of eight characteristic (12). Levels of output signals of the directional microphones having the monaural and binaural characteristics are combined together, respectively. An independent claim is also included for a method for background noise estimation.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/405 (2013.01 - EP US); **H04R 25/407** (2013.01 - EP US); **H04R 25/552** (2013.01 - EP US); **H04R 2201/401** (2013.01 - EP US)

Cited by

EP2592850A1; US9584914B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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EP 09178490 A 20091209; AT 09178490 T 20091209; DE 102009009040 A 20090216; DK 09178490 T 20091209; US 70608810 A 20100216