Title (en)

CONTROL OF THE STRENGTH OF THE EFFECT OF A BINAURAL DIRECTIONAL MICROPHONE

Title (de)

STEUERUNG DER EFFEKTSTÄRKE EINES BINAURALEN DIREKTIONALEN MIKROFONS

Title (fr)

COMMANDE DE L'INTENSITÉ D'EFFET D'UN MICROPHONE DIRECTIONNEL BINAURAL

Publication

EP 2840809 B1 20190102 (DE)

Application

EP 14161630 A 20140326

Priority

DE 102013207149 A 20130419

Abstract (en)

[origin: US2014314260A1] A hearing aid system has at least two hearing aid devices to be worn on both sides of a wearer's head. The hearing aid devices have a transducer for picking up an acoustic signal and converting same into a first audio signal in each case. A signal processing unit processes audio signals received from each hearing aid device through a signal connection. The signal processing unit evaluates a signal component from a preferred direction in relation to the head of the wearer in the first audio signals. By way of the first audio signals the signal processing unit generates a first binaural directional microphone signal and adjusts its directional characteristic as a function of the evaluation.

IPC 8 full level

H04R 25/02 (2006.01); H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/405 (2013.01 - US); **H04R 25/407** (2013.01 - EP US); **H04R 25/552** (2013.01 - EP US); H04R 2225/43 (2013.01 - US); H04R 2430/20 (2013.01 - EP US); H04R 2430/21 (2013.01 - US); H04R 2430/23 (2013.01 - US)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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US 201414257154 A 20140421; DE 102013207149 A 20130419; DK 14161630 T 20140326; EP 14161630 A 20140326; EP 18183297 A 20140326; EP 18248116 A 20140326