

Title (en)

HEARING DEVICE CONTROLLED BY A PERCEPTIVE MODEL AND CORRESPONDING METHOD

Title (de)

HÖRVERRICHTUNG GESTEUERT DURCH EIN PERZEPTIVES MODELL UND ENTSPRECHENDES VERFAHREN

Title (fr)

APPAREIL DE CORRECTION AUDITIVE COMMANDÉ PAR UN MODÈLE PERCEPTIF ET PROCÉDÉ CORRESPONDANT

Publication

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Application

EP 08786017 A 20080710

Priority

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Abstract (en)

[origin: WO2009016012A1] The aim of the invention is to facilitate the adaptation of a hearing device for an individual user. To this end, a hearing device is proposed which comprises a signal processing device (11) for processing an input signal to an output signal, and a modelling device (13) in which a perceptive model (MOD) is implemented, in order to generate a psycho-acoustic value for controlling the signal processing device (11). Data projecting the hearing loss, in particular audiogram data, are inputted into the modelling device (13) and the perceptive model determines the psycho-acoustic value for controlling the signal processing device based on the data and the output signal. An adaptation of the hearing device can therefore be carried out only by means of the input of an audiogram or corresponding data.

IPC 8 full level

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Citation (opposition)

Opponent : Oticon A/S & Widex A/S

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