

Title (en)
HEARING DEVICE WITH ANALOG FILTERING AND ASSOCIATED METHOD

Title (de)
HÖRGERÄT MIT ANALOGFILTERUNG UND ZUGEHÖRIGES VERFAHREN

Title (fr)
DISPOSITIF D'AIDE AUDITIVE AVEC FILTRAGE ANALOGIQUE ET PROCÉDÉ ASSOCIÉ

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Application
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Abstract (en)
[origin: EP2739069A1] The present disclosure relates to a hearing device and related method. A hearing device is disclosed, the hearing device comprising: a microphone for converting audio into an audio signal; a preprocessing unit for analog processing of the audio signal and having an input and an output, wherein the input is connected to an output of the microphone; an A/D converter for converting the processed analog audio signal into a digital audio signal, the A/D converter having an input and an output, wherein the input is connected to the output of the preprocessing unit; and a processing unit for digital processing of A/D converter output, wherein the processing unit is connected to the preprocessing unit. The preprocessing unit is configured to apply a first transfer function to the audio signal in a first mode of operation and a second transfer function with a second cutoff frequency to the audio signal in a second mode of operation, depending on a control signal from the processing unit.

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