Title (en)

PROGRAMMABLE AUDITORY PROSTHESIS WITH TRAINABLE AUTOMATIC ADAPTATION TO ACOUSTIC CONDITIONS

Title (de)

PROGRAMMIERBARE H RPROTHESE MIT TRAINIERBARER AUTOMATISCHER ANPASSUNG AN AKUSTISCHE BEDINGUNGEN

Title (fr)

PROTHESE AUDITIVE PROGRAMMABLE AVEC ADAPTATION AUTOMATIQUE PAR APPRENTISSAGE AUX CONDITIONS ACOUSTIQUES

Publication

EP 1532841 A1 20050525 (EN)

Application

EP 03720029 A 20030521

Priority

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- AU PS247002 A 20020521

Abstract (en)

[origin: WO03098970A1] An auditory prosthesis (30) comprising a microphone (27) for receiving the sound and producing a microphone signal corresponding to the received sound, an output device for providing audio signals in a form receivable by a user of the prosthesis (30), a sound processing unit (33) operable to receive the microphone signal and carry out a processing operation on the microphone signal to produce an output signal in a form suitable to operate the output device, wherein the sound processing unit (33) is operable in a first mode in which the processing operation comprises at least one variable processing factor which is adjustable by a user to a setting which causes the output signal of the sound processing unit (33) to be adjusted according to the preference of the user for the characteristics of the current acoustic environment.

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H04R 25/00

IPC 8 full level

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CPC (source: EP US)

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