

Title (en)

A hearing aid with an adaptive filter for suppression of acoustic feedback

Title (de)

Hörgerät mit adaptivem Filter zur Unterdrückung akustischer Rückkopplung

Title (fr)

Prothèse auditive avec un filtre adaptatif pour la suppression de la réaction acoustique

Publication

EP 1191814 A1 20020327 (EN)

Application

EP 00610124 A 20001201

Priority

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- EP 00610097 A 20000925

Abstract (en)

The present invention relates to a hearing aid with an adaptive filter for suppression of acoustic feedback in the hearing aid. The hearing aid further comprises a controller that is adapted to compensate for acoustic feedback by determination of a first parameter of an acoustic feedback loop of the hearing aid and adjustment of a second parameter of the hearing aid in response to the first parameter whereby generation of undesired sounds is substantially avoided. Hereby a gain safety margin requirement is significantly reduced. <IMAGE>

IPC 1-7

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IPC 8 full level

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H04R 25/453 (2013.01); **H04R 25/353** (2013.01); **H04R 25/505** (2013.01); **H04R 2430/03** (2013.01)

Citation (search report)

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DOCDB simple family (application)

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