Title (en)

A hearing aid

Title (de)

Hörgerät

Title (fr)

Appareil d'aide auditive

Publication

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Application

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Priority

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Abstract (en)

[origin: EP1191814A1] 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 8 full level

H04R 25/00 (2006.01); **H04R 3/02** (2006.01)

CPC (source: EP)

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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- [A] KARJALAINEN M ET AL: "COMPARISON OF LOUDSPEAKER EQUALIZATION METHODS BASED ON DSP TECHNIQUES", JOURNAL OF THE AUDIO ENGINEERING SOCIETY, AUDIO ENGINEERING SOCIETY. NEW YORK, US, vol. 47, no. 1/2, January 1999 (1999-01-01), pages 14 - 30, XP000823370, ISSN: 0004-7554
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DOCDB simple family (application)

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