

Title (en)

HEARING AID COMPENSATING FOR ACOUSTIC FEEDBACK.

Title (de)

HÖRGERÄT MIT AUSGLEICH DER AKUSTISCHEN RÜCKKOPPLUNG.

Title (fr)

PROTHESE AUDITIVE A COMPENSATION DE LA REACTION ACOUSTIQUE.

Publication

**EP 0634084 A1 19950118 (EN)**

Application

**EP 93908828 A 19930323**

Priority

- DK 9300106 W 19930323
- DK 43292 A 19920331

Abstract (en)

[origin: WO9320668A1] A hearing aid with digital, electronic compensation for acoustic feedback comprises a microphone (5), a preamplifier (7), a digital compensation circuit (3), an output amplifier (9) and a transducer (11). The digital circuit (3) comprises a noise generator (33) for the insertion of noise, and an adjustable, digital filter (27) for the adaptation of the feedback signal. The adaptation takes place using a correlation circuit (31). The circuit further comprises a digital circuit (79) which carries out a statistical evaluation of the filter coefficients in the correlation circuit, and changes the feedback function in accordance with this evaluation.

IPC 1-7

**H04R 25/00**

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP)

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Cited by

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