

Title (en)

Assembly and method for regulating feedback suppression in hearing aids

Title (de)

Anordnung und Verfahren zur Regelung einer Rückkopplungsunterdrückung bei Hörvorrichtungen

Title (fr)

Agencement et procédé de réglage d'une soumission de contre-réaction dans des dispositifs auditifs

Publication

**EP 2152026 A3 20140101 (DE)**

Application

**EP 09163903 A 20090626**

Priority

DE 102008036803 A 20080807

Abstract (en)

[origin: EP2152026A2] The aid (10) has a controllable feedback suppression unit for suppressing acoustic feedbacks, an ultrasonic transmission unit (11) delivering ultrasonic signal and an ultrasonic receiving unit (12) receiving the ultrasonic signal. The ultrasonic transmission unit is designed and arranged in the aid in such a way that the feedback suppression unit is controllable by ultrasonic signal received by a microphone (2). A differentiation unit detects the modification of the received ultrasonic signal for the regulation of the feedback suppression unit. An independent claim is also included for a method for suppressing acoustic feedback in a hearing aid.

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP US)

**H04R 25/45** (2013.01 - EP US); **H04R 25/453** (2013.01 - EP US)

Citation (search report)

- [X] DE 102004019353 B3 20050915 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [A] JP 2007027959 A 20070201 - OKI ELECTRIC IND CO LTD

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**DE 102008036803 B3 20091217**; EP 2152026 A2 20100210; EP 2152026 A3 20140101; US 2010034407 A1 20100211

DOCDB simple family (application)

**DE 102008036803 A 20080807**; EP 09163903 A 20090626; US 53669709 A 20090806