

Title (en)
Hearing assistance providing feedback suppression

Title (de)
Hörhilfegerät mit Mitteln zur Rückkopplungskompensation

Title (fr)
Appareil auditif avec réduction du couplage

Publication
EP 1737270 A1 20061227 (DE)

Application
EP 06114883 A 20060602

Priority
DE 102005028742 A 20050621

Abstract (en)
The equipment has a signal source delivering a test signal that is not directly coming from an input signal (ES). A measuring device measures a response signal that comes from the test signal. An evaluation and controlling device adjusts a parameter of a feed back reducing device (6). An information signal is delivered by the equipment such that the information signal is delivered from the source and used as the test signal. An independent claim is also included for a method for feedback elimination with a hearing aid equipment.

IPC 8 full level
H04R 25/00 (2006.01)

CPC (source: EP US)
H04R 25/453 (2013.01 - EP US)

Citation (search report)
• [DA] US 5259033 A 19931102 - GOODINGS RUPERT L A [GB], et al
• [A] EP 0557847 A1 19930901 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
• [A] US 4628530 A 19861209 - OP DE BEEK FRANCISCUS J [NL], et al
• [A] WO 2004047484 A1 20040603 - FRAUNHOFER GES FORSCHUNG [DE], et al
• [A] US 2003161492 A1 20030828 - MILLER DOUGLAS ALAN [US], et al
• [A] US 2005047620 A1 20050303 - FRETZ ROBERT J [US]

Cited by
DE102011106634A1; DE102011106634B4; EP2661103A1; US9432783B2; WO2013004733A1; US9078073B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
US 2006285709 A1 20061221; US 7801318 B2 20100921; AT E394899 T1 20080515; DE 102005028742 B3 20060921;
DE 502006000732 D1 20080619; DK 1737270 T3 20080929; DK 1737270 T4 20120813; EP 1737270 A1 20061227; EP 1737270 B1 20080507;
EP 1737270 B2 20120502

DOCDB simple family (application)
US 44081706 A 20060525; AT 06114883 T 20060602; DE 102005028742 A 20050621; DE 502006000732 T 20060602;
DK 06114883 T 20060602; EP 06114883 A 20060602