

Title (en)
METHOD OF ADJUSTING A HEARING INSTRUMENT

Title (de)
VERFAHREN ZUR JUSTIERUNG EINES HÖRINSTRUMENTS

Title (fr)
PROCEDE DE REGLAGE D'UN INSTRUMENT AUDITIF

Publication
EP 2055140 A2 20090506 (EN)

Application
EP 06792685 A 20060803

Priority
EP 2006065051 W 20060803

Abstract (en)
[origin: WO2006136615A2] The present invention provides a method of adjusting a hearing instrument (1) that is at least partially insertable into an ear canal (2) , the hearing instrument (1) comprising at least two microphones (3; 4), the method comprising the steps of : - estimating the relative microphone location effect for each of the microphones (3/4) ; - estimating the feedback stability for each of the microphones (3;4) ; - determining the optimum proportion and phase of the signals of the microphones (3; 4) to be used in an omni-directional mode; and - setting the optimum proportion and phase of the signals of the microphones (3; 4) . Thus, the present invention takes into account the acoustical stability of each of the microphones in order to optimally combine the microphones to achieve an optimal omni-directional performance if desired by the user of the hearing instrument

IPC 8 full level
H04R 25/00 (2006.01)

CPC (source: EP)
H04R 25/43 (2013.01); **H04R 25/453** (2013.01); **H04R 25/456** (2013.01); **H04R 25/405** (2013.01)

Citation (search report)
See references of WO 2006136615A2

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 RS

DOCDB simple family (publication)
WO 2006136615 A2 20061228; WO 2006136615 A3 20070802; AT E487338 T1 20101115; DE 602006018080 D1 20101216; DK 2055140 T3 20110221; EP 2055140 A2 20090506; EP 2055140 B1 20101103

DOCDB simple family (application)
EP 2006065051 W 20060803; AT 06792685 T 20060803; DE 602006018080 T 20060803; DK 06792685 T 20060803; EP 06792685 A 20060803