

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
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Application
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Priority
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Abstract (en)
[origin: WO2006136615A3] 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

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