Title (en)

MAGNITUDE AND PHASE CORRECTION OF A HEARING DEVICE

Title (de)

MAGNITUDEN- UND PHASENKORREKTUR EINES HÖRGERÄTS

Title (fr)

CORRECTION DE L'AMPLITUDE ET DE LA PHASE D'UN DISPOSITIF AUDITIF

Publication

EP 3482572 A4 20200520 (EN)

Application

EP 16908313 A 20160707

Priority

US 2016041298 W 20160707

Abstract (en)

[origin: WO2018009194A1] A method for correcting magnitude and phase distortion in open ear hearing devices includes determining the insertion effect of the hearing device (12) substantially at the ear drum (11) when in the ear. Both the magnitude and phase response of the complex insertion transfer function (ITF) are corrected when the transfer function to the ear drum substantially matches the transfer function without the hearing device in place.

IPC 8 full level

H04R 25/00 (2006.01); **H04R 1/10** (2006.01)

CPC (source: EP KR)

H04R 1/1016 (2013.01 - EP); **H04R 25/505** (2013.01 - EP KR); H04R 2460/05 (2013.01 - EP KR); H04S 2420/01 (2013.01 - EP KR)

Citation (search report)

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- [YA] WO 0001196 A1 20000106 - RESOUND CORP [US]
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- See references of WO 2018009194A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

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