

Title (en)

Device for the fitting of programmable hearing aids

Title (de)

Einrichtung zur Anpassung programmierbarer Hörgeräte

Title (fr)

Dispositif pour l'adaptation de prothèses auditives

Publication

EP 0674462 B1 20020814 (DE)

Application

EP 94104617 A 19940323

Priority

EP 94104617 A 19940323

Abstract (en)

[origin: EP0674462A1] Data of the user's hearing deficiency are entered (4) in a processor (3) in which a fuzzy logic module (5) includes a calculator (6) operating on these data and on the equipment characteristic (11) in accordance with a rule base (7) and adjustment data retrieved from an additional memory (10). The calculator performs fuzzification (13), inference (14) and defuzzification (15) and is interfaced (12) to the equipment (2) by wired or wireless transmission (1). The rules may be stored in an EEPROM or on a diskette.

IPC 1-7

H04R 25/00; G06G 7/60

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/70 (2013.01 - EP US); **H04R 25/505** (2013.01 - EP US)

Citation (examination)

ENGBRETSON A. M., MILLER J. D.: "A COMPUTER PROGRAM FOR FITTING A MASTER HEARING AID TO THE RESIDUAL HEARING CHARACTERISTICS OF INDIVIDUAL PATIENTS.", THE JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, AMERICAN INSTITUTE OF PHYSICS FOR THE ACOUSTICAL SOCIETY OF AMERICA, NEW YORK, NY, US, vol. 72., no. 02., 1 August 1982 (1982-08-01), New York, NY, US, pages 426 - 430., XP000577364, ISSN: 0001-4966, DOI: 10.1121/1.388095

Cited by

DE19947839A1; EP1933591A1; EP0814635A1; EP2178313A3; EP2305117A3; EP0765103A3; EP0831672A3

Designated contracting state (EPC)

CH DE DK LI

DOCDB simple family (publication)

EP 0674462 A1 19950927; **EP 0674462 B1 20020814**; DE 59410167 D1 20020919; DK 0674462 T3 20021216; US 5606620 A 19970225

DOCDB simple family (application)

EP 94104617 A 19940323; DE 59410167 T 19940323; DK 94104617 T 19940323; US 39382595 A 19950224