

Title (en)

Auditory prosthesis with datalogging capability.

Title (de)

Hörprothese mit Datenerfassungsmöglichkeiten.

Title (fr)

Prothèse auditive avec capacité de saisie de données.

Publication

EP 0335542 B1 19941221 (EN)

Application

EP 89302689 A 19890317

Priority

US 17523388 A 19880330

Abstract (en)

[origin: EP0335542A2] An auditory prosthesis is provided with datalogging capability whereby the use of a plurality of settings as selected by the user is maintained. The recorded datalog can be periodically read and used for revising a prosthetic prescription by altering the settings and used as a means of refining initial prescriptions of other patients whose audiometric characteristics are similar to those of the user. In one embodiment for a programmable auditory prosthesis the datalogging information includes the number of times control programs are changed, the number of times a given control program is selected, and the total time duration for which a given program is selected. Accordingly, the processing of signals by a signal processor can be turned to fit the needs of an individual user. The prosthesis can have a remote control unit, and a datalog memory can be provided in the remote control unit along with a programmable memory which stores the control programs.

IPC 1-7

H04R 25/00

IPC 8 full level

H04R 25/00 (2006.01); **H04R 25/04** (2006.01)

CPC (source: EP KR)

H04R 25/00 (2013.01 - KR); **H04R 25/305** (2013.01 - EP); **H04R 29/007** (2013.01 - EP); **H04R 25/356** (2013.01 - EP);
H04R 25/606 (2013.01 - EP); **H04R 2225/39** (2013.01 - EP)

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US8068627B2; US9264822B2; US10477325B2; US11904166B2

Designated contracting state (EPC)

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EP 0335542 A2 19891004; EP 0335542 A3 19910911; EP 0335542 B1 19941221; AU 3142089 A 19891005; AU 610705 B2 19910523;
CA 1317666 C 19930511; DE 68920060 D1 19950202; DE 68920060 T2 19950914; DK 152389 A 19891001; DK 152389 D0 19890329;
JP 2664466 B2 19971015; JP H0243900 A 19900214; KR 890015634 A 19891030; MY 103858 A 19930930

DOCDB simple family (application)

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JP 8019689 A 19890330; KR 890004156 A 19890330; MY PI19890353 A 19890320