

Title (en)

Digital hearing-aid with processor supervision

Title (de)

Digitales Hörgerät mit Prozessorüberwachung

Title (fr)

Prothèse acoustique numérique avec supervision du processeur

Publication

**EP 0796035 B1 20021002 (DE)**

Application

**EP 96103810 A 19960311**

Priority

EP 96103810 A 19960311

Abstract (en)

[origin: EP0796035A1] The hearing aid has a processor, a program memory containing executable programs for controlling the signal processing, and a unit for input/output of data. A monitoring element (1) determines a failure or interference of the loaded program. An activation element (2) automatically performs a new start of the program when the monitoring element detects the failure. The monitoring element pref. also monitors the power supply voltage.

IPC 1-7

**H04R 25/00**

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP)

**H04R 25/305** (2013.01); **H04R 25/505** (2013.01)

Cited by

DE19747126C1; EP1944998A3; US6366677B1

Designated contracting state (EPC)

CH DE DK LI

DOCDB simple family (publication)

**EP 0796035 A1 19970917; EP 0796035 B1 20021002**; DE 59609751 D1 20021107; DK 0796035 T3 20030203

DOCDB simple family (application)

**EP 96103810 A 19960311**; DE 59609751 T 19960311; DK 96103810 T 19960311