

Title (en)

Hearing aid with signal quality monitoring device

Title (de)

Hörgerät mit Einrichtung zur Signalqualitätsüberwachung

Title (fr)

Prothèse auditive avec dispositif de contrôle de la qualité d'un signal

Publication

**EP 0989775 B1 20040331 (DE)**

Application

**EP 99119254 A 19960703**

Priority

- EP 99119254 A 19960703
- DE 29517266 U 19951031
- EP 96110768 A 19960703
- EP 96108958 A 19960604

Abstract (en)

[origin: EP0989775A1] The hearing aid has a microphone (10) for direct sound acquisition and for generating a corresponding electrical tone signal., at least one other signal transducer (11,12) operating on a different principle for alternative generation of a tone signal and a switch (20) for outputting one of the tone signals depending on a monitoring device (25) for subsequent amplification and output via a loudspeaker (64). The monitoring device monitors all tone signals, checks them for signal quality and selects the best signal using the switch.

IPC 1-7

**H04R 25/00**; **H04R 27/02**

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP)

**H04R 25/43** (2013.01); **H04R 25/502** (2013.01); **H04R 25/554** (2013.01)

Cited by

EP1398994A3; EP1296537A3; DE102006046703A1; EP1909535A3; EP1484942A3; US9775998B2; EP1398994A2; US8139799B2; EP1296537A2; US10003379B2; EP1484942A2; US10212682B2; US11019589B2; EP1657960B1; US9854369B2; US10511918B2; US11218815B2; US11765526B2; US8355516B2; US9774961B2; US10051385B2; US10469960B2; US10728678B2; US11064302B2; US11678128B2; EP2182741B2; EP1379103B2

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