

Title (en)

Hearing-aid device and corresponding operating method

Title (de)

Hörhilfsvorrichtung und entsprechendes Betriebsverfahren

Title (fr)

Dispositif de prothèse auditive et procédé de fonctionnement correspondant

Publication

**EP 1594343 B1 20081105 (DE)**

Application

**EP 05103360 A 20050426**

Priority

DE 102004021964 A 20040504

Abstract (en)

[origin: EP1594343A2] The hearing aid (H) is inserted in the user's ear and has a large switch element (A). A directional microphone is mounted in the switch element and may be arranged to point directly forward on a horizontal axis. The microphone on each side is electrically connected via a hearing aid chip to a miniature loudspeaker. When the user is using a telephone, the switch on each side is turned to point diagonally downward and a Bluetooth (RTM) chip is connected to the hearing aid chip. It uses an antenna to transmit and receive signals.

IPC 8 full level

**H04R 25/00** (2006.01); **H04R 1/10** (2006.01); **H04R 3/00** (2006.01)

CPC (source: EP US)

**H04R 25/405** (2013.01 - EP US); **H04R 25/554** (2013.01 - EP US); **H04R 25/603** (2019.04 - EP US); **H04R 2225/61** (2013.01 - EP US)

Cited by

FR2923132A1; WO2008125107A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1594343 A2 20051109**; **EP 1594343 A3 20071107**; **EP 1594343 B1 20081105**; AT E413787 T1 20081115; DE 102004021964 B3 20051020; DE 502005005849 D1 20081218; DK 1594343 T3 20090309; US 2005249372 A1 20051110; US 7450731 B2 20081111

DOCDB simple family (application)

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