

Title (en)

Hearing aid system with hearing aid and external processing unit

Title (de)

Hörgerätesystem mit einem Hörgerät und einer externen Prozessoreinheit

Title (fr)

Système de prothèse auditive avec prothèse auditive et unité processeur externe

Publication

**EP 1377118 A3 20081029 (DE)**

Application

**EP 03009466 A 20030425**

Priority

DE 10228157 A 20020624

Abstract (en)

[origin: EP1377118A2] The system has an external processor unit (1) with microphones (11A, 11B, 11C) to receive a signal for processing. Another signal processing unit is connected to a transducer. A transmission unit sends a processed signal to a reception unit (28) of a hearing aid (20) so that the reception unit delivers the signal to an output transducer. An Independent claim is also included for a method of operating a hearing aid.

IPC 8 full level

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

CPC (source: EP US)

**H04R 25/407** (2013.01 - EP US); **H04R 25/554** (2013.01 - EP US); **H04R 2499/13** (2013.01 - EP US)

Citation (search report)

- [DX] WO 0152597 A1 20010719 - ETYMOTIC RES INC [US]
- [X] WO 0228143 A2 20020404 - SIEMENS AUDIOLOGISCHE TECHNIK [DE], et al
- [X] US 2002044669 A1 20020418 - MEYER WOLFRAM [DE], et al
- [A] US 5721783 A 19980224 - ANDERSON JAMES C [US]
- [A] US 6101258 A 20000808 - KILLION MEAD [US], et al
- [A] US 4920570 A 19900424 - WEST HENRY L [US], et al

Cited by

EP3576432A1; EP1754307A4; US8150057B2; US8391522B2; US8019386B2; US8391523B2; WO2008015293A3; WO2009049646A1; WO2009049645A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

**EP 1377118 A2 20040102**; **EP 1377118 A3 20081029**; **EP 1377118 B1 20150225**; DE 10228157 B3 20040108; DK 1377118 T3 20150608; US 2003235319 A1 20031225; US 7072480 B2 20060704

DOCDB simple family (application)

**EP 03009466 A 20030425**; DE 10228157 A 20020624; DK 03009466 T 20030425; US 45839403 A 20030610