

Title (en)

Acoustic module for a hearing aid

Title (de)

Akustikmodul für ein Hörhilfsgerät

Title (fr)

Module acoustique pour un appareil auditif

Publication

EP 1377119 A3 20070502 (DE)

Application

EP 03013647 A 20030616

Priority

DE 10228826 A 20020627

Abstract (en)

[origin: EP1377119A2] The electronic acoustic module (7) is embedded within the body of the hearing aid (1) which is battery powered (3). Within the hearing aid are two directional microphones (13) and the ear piece loudspeaker (11) that emits sound. The acoustic unit has a processor that performs a function to suppress any feedback between microphones and loudspeaker.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/453 (2013.01 - EP US); **H04R 25/604** (2013.01 - EP US); **H04R 1/38** (2013.01 - EP US)

Citation (search report)

- [Y] WO 9522879 A2 19950824 - KNOWLES ELECTRONICS INC [US], et al
- [Y] DE 2747821 A1 19780511 - PHILIPS NV
- [Y] US 5276739 A 19940104 - KROKSTAD ASBJORN [NO], et al
- [Y] EP 0250679 A2 19880107 - AUDIMAX INC [US]

Cited by

DE102006029726A1; EP2582157A1; DE10361954A1; DE10361954B4; EP2107828A3; US8644543B2

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 1377119 A2 20040102; **EP 1377119 A3 20070502**; **EP 1377119 B1 20080430**; AT E394019 T1 20080515; DE 10228826 A1 20040129; DE 50309721 D1 20080612; DK 1377119 T3 20080901; US 2004057592 A1 20040325; US 7400738 B2 20080715

DOCDB simple family (application)

EP 03013647 A 20030616; AT 03013647 T 20030616; DE 10228826 A 20020627; DE 50309721 T 20030616; DK 03013647 T 20030616; US 60302603 A 20030624