

Title (en)
HEARING AID

Title (de)
HÖRGERÄT

Title (fr)
APPAREIL AUDITIF

Publication
EP 2259605 B1 20120509 (EN)

Application
EP 10750017 A 20100205

Priority
• JP 2010000720 W 20100205
• JP 2009054547 A 20090309
• JP 2009177368 A 20090730

Abstract (en)
[origin: EP2259605A1] This hearing aid comprises a microphone (1) for collecting sounds, an A/D converter (2) for converting an analog signal outputted from the microphone (1) into a digital signal, a hearing aid processor (3) for performing hearing aid processing on the digital signal outputted from the A/D converter (2), a D/A converter (4) for converting the signal that has undergone the hearing aid processing into an analog signal, and a receiver (5) for outputting the analog signal outputted from the D/A converter (4) as an acoustic signal to the surroundings. A mixer (6), in which a first input is connected to the output of the hearing aid processor (3) and its own output is connected to the input of the D/A converter (4), is interposed between the hearing aid processor (3) and the D/A converter (4). The output signal of an alert sound shaper (8) that shapes the alert sound signal produced by an alert sound producer (7) is connected to a second input of the mixer (6). The mixer (6) is connected to a controller (9) that produces a mix ratio signal for mixing the output signals of the hearing aid processor (3) and the alert sound shaper (8).

IPC 8 full level
H04R 25/00 (2006.01)

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H04R 25/305 (2013.01 - EP US); **H04R 25/603** (2019.05 - EP US); **H04R 2225/33** (2013.01 - EP); **H04R 2225/61** (2013.01 - EP US)

Cited by
DE102019210934A1; EP4258689A1

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