

Title (en)

Hearing aid with automatic detection of a situation

Title (de)

Hörhilfegerät mit automatischer Situationserkennung

Title (fr)

Prothèse auditive avec détection automatique d'une situation

Publication

EP 1389033 A3 20080213 (DE)

Application

EP 03015474 A 20030709

Priority

DE 10236167 A 20020807

Abstract (en)

[origin: EP1389033A2] The hearing aid (1) has at least one input transducer (3) converting a received sound signal into an electrical signal fed to a signal processing and amplification stage (4) connected to an output transducer (5), converting the received electrical signal into an acoustic or mechanical signal. The signal processing parameters are adjustable in dependence on the hearing situation, the line signal provided by an image screen device detected by the hearing aid for automatic adjustment of the signal processing parameters, e.g. dependent on evaluation of the line signal amplitude or frequency range.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/558 (2013.01 - EP US); **H04R 25/70** (2013.01 - EP US); **H04R 25/505** (2013.01 - EP US); **H04R 2225/41** (2013.01 - EP US)

Citation (search report)

- [A] DE 10048341 C1 20020418 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [A] EP 0064042 A1 19821103 - MANGOLD STEPHAN [SE], et al

Cited by

EP2034767A1; WO2008128563A1

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 1389033 A2 20040211; **EP 1389033 A3 20080213**; DE 10236167 B3 20040212; US 2004066945 A1 20040408; US 7324650 B2 20080129

DOCDB simple family (application)

EP 03015474 A 20030709; DE 10236167 A 20020807; US 63604803 A 20030807