

Title (en)

Hearing-aid device with automatic algorithm switching

Title (de)

Hörvorrichtung mit automatischer Algorithmenumschaltung

Title (fr)

Prothèse auditive avec commutation automatique à algorithme

Publication

EP 2200346 A3 20130619 (DE)

Application

EP 09178221 A 20091207

Priority

DE 102008064430 A 20081222

Abstract (en)

[origin: EP2200346A2] The device has a determination device (16) for determining whether one of two microphones (10, 11) is defect. A signal processing device (12) processes signals of the microphones with single-channel and multi-channel processing algorithms (13, 14). The signal processing device is automatically switched from one of the processing algorithms to the other processing algorithm when the defected microphone is detected. A storage device records information about the defected microphone along with time information. A LED indicates an emergency operating condition of the device.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/305 (2013.01 - EP US); **H04R 25/43** (2013.01 - EP US); **H04R 2225/39** (2013.01 - EP US); **H04R 2225/61** (2013.01 - EP US)

Citation (search report)

- [X1] WO 0065873 A1 20001102 - GENNUM CORP [CA], et al
- [XD1] US 2004202333 A1 20041014 - CSERMAK BRIAN D [CA], et al

Cited by

EP2373065B1; EP2373065B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2200346 A2 20100623; EP 2200346 A3 20130619; EP 2200346 B1 20180801; CN 101765048 A 20100630; CN 101765048 B 20151216; DE 102008064430 A1 20100708; DE 102008064430 B4 20120621; DK 2200346 T3 20181126; US 2010189292 A1 20100729; US 8442245 B2 20130514

DOCDB simple family (application)

EP 09178221 A 20091207; CN 200910262210 A 20091222; DE 102008064430 A 20081222; DK 09178221 T 20091207; US 64442209 A 20091222