

Title (en)

Processing of an input signal in a hearing aid

Title (de)

Verarbeitung eines Eingangssignals in einer Hörhilfe

Title (fr)

Traitement d'un signal d'entrée dans une prothèse auditive

Publication

EP 1912471 A3 20110511 (DE)

Application

EP 07117164 A 20070925

Priority

DE 102006047986 A 20061010

Abstract (en)

[origin: EP1912471A2] The method involves filtering two input signals (901, 902) for producing four intermediate signals with different coefficients. The four intermediate signals are added for producing different output signals (930, 931). The input signals are assigned to a defined signal position, and a correlation of the output signals is determined. One of the coefficients is changed depending on the assigned defined signal position and on the correlation. An independent claim is also included for a device for processing input signals in a hearing aid.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/407 (2013.01 - EP US); **H04R 2225/41** (2013.01 - EP US)

Citation (search report)

- [I] EP 1496680 A1 20050112 - SIEMENS AG [DE]
- [A] US 6243476 B1 20010605 - GARDNER WILLIAM G [US]
- [A] EP 1017253 A2 20000705 - SIEMENS CORP RES INC [US]
- [A] EP 1655998 A2 20060510 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [A] DE 19652336 A1 19980604 - GMD GMBH [DE]
- [A] WO 2004114722 A1 20041229 - GN RESOUND AS [DK], et al
- [A] EP 1670285 A2 20060614 - PHONAK AG [CH]

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1912471 A2 20080416; EP 1912471 A3 20110511; EP 1912471 B1 20160309; CN 101287305 A 20081015; CN 101287305 B 20130227; DE 102006047986 A1 20080424; DE 102006047986 B4 20120614; DK 1912471 T3 20160627; US 2008130925 A1 20080605; US 8199949 B2 20120612

DOCDB simple family (application)

EP 07117164 A 20070925; CN 200710185788 A 20071010; DE 102006047986 A 20061010; DK 07117164 T 20070925; US 97347507 A 20071009