

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 B1 20160309 (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 (examination)

- EP 1326478 A2 20030709 - PHONAK AG [CH]
- US 2002037087 A1 20020328 - ALLEGRO SYLVIA [CH], et al

Designated contracting state (EPC)

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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

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