

Title (en)

Method for adapting a hearing aid considering the position of head and corresponding hearing aid

Title (de)

Verfahren zur Adaption eines Hörgeräts unter Berücksichtigung der Kopfposition und entsprechendes Hörgerät

Title (fr)

Procédé pour l'adaptation d'une prothèse auditive en tenant compte de la position de la tête et prothèse auditive correspondante

Publication

**EP 1530402 B1 20090701 (DE)**

Application

**EP 04024545 A 20041014**

Priority

DE 10351509 A 20031105

Abstract (en)

[origin: EP1530402A2] The aid has microphones (M1-Mn) for acquiring a set of input signals. A position determining unit (PB) e.g. head tracker, detects a position of the head of a user of the hearing aid using earth's magnetic field. A processing and separation unit (VE) identifies relative change in acoustic source positions based on the position of the head detected by the position determining unit. Independent claims are also included for the following: (A) a hearing aid system having a hearing aid (B) a method of adapting a hearing aid.

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP US)

**H04R 25/407** (2013.01 - EP US); **H04R 25/552** (2013.01 - EP US); **H04R 2225/43** (2013.01 - EP US)

Cited by

EP1956867A1; EP3270608A1; US10051387B2; EP2908550B1; EP2908549A1; EP2908550A1; US9596551B2; US9826318B2; US10524061B2; US11128961B2; US11533570B2; US11889265B2; EP4380190A2; EP2769557B1

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DOCDB simple family (publication)

**EP 1530402 A2 20050511**; **EP 1530402 A3 20071017**; **EP 1530402 B1 20090701**; **EP 1530402 B2 20160824**; AT E435571 T1 20090715; DE 10351509 A1 20050609; DE 10351509 B4 20150108; DE 502004009686 D1 20090813; DK 1530402 T3 20091012; DK 1530402 T4 20161219; US 2005094834 A1 20050505; US 7295676 B2 20071113

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