

Title (en)

Hearing aid device for automatically switching in telephone operation and corresponding method

Title (de)

Hörhilfsvorrichtung zum automatischen Schalten in einen Telefonbetrieb und entsprechendes Verfahren

Title (fr)

Dispositif de prothèse auditive pour commutation automatique en fonctionnement téléphonique et procédé correspondant

Publication

**EP 1523220 A3 20110629 (DE)**

Application

**EP 04022340 A 20040920**

Priority

DE 10347212 A 20031010

Abstract (en)

[origin: DE10347212B3] The hearing aid device has a first hearing aid with a first pick-up device (1) for a first input signal, a second hearing aid with a second pick-up device (2) for a second input signal, a level measurement device (3-5) for measuring a level difference of the two input signals and a controller for switching at least one of the hearing aids into telephone mode if the level difference falls below or rises above at least one predefined threshold value (7,10). An independent claim is also included for the following: (a) a method of automatic switching into a telephone mode.

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP US)

**H04R 25/43** (2013.01 - EP US); **H04R 25/554** (2013.01 - EP US); **H04R 25/552** (2013.01 - EP US); **H04R 2225/41** (2013.01 - EP US)

Citation (search report)

- [I] EP 1298959 A2 20030402 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [A] US 2003044033 A1 20030306 - JULSTROM STEPHEN D [US], et al
- [A] EP 1296537 A2 20030326 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [A] US 2002186857 A1 20021212 - BREN MARK A [US], et al
- [A] DILLON H ED - DILLON H: "Hearing Aids, chapter 14, Binaural and bilateral considerations in hearing aid fitting", 19 January 2001, HEARING AIDS, THIEME, NEW YORK, NY, US, PAGE(S) 370 - 403, XP002565887

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 PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

**DE 10347212 B3 20050324**; AU 2004218634 A1 20050428; AU 2004218634 B2 20061102; CN 1642360 A 20050720; CN 1642360 B 20100908; EP 1523220 A2 20050413; EP 1523220 A3 20110629; JP 2005124189 A 20050512; JP 4031787 B2 20080109; US 2005117764 A1 20050602; US 7016510 B2 20060321

DOCDB simple family (application)

**DE 10347212 A 20031010**; AU 2004218634 A 20041006; CN 200410103290 A 20041010; EP 04022340 A 20040920; JP 2004294633 A 20041007; US 96177104 A 20041011