

Title (en)

Sound localization in binaural hearing aids

Title (de)

Richtungshören bei binauraler Hörgeräteversorgung

Title (fr)

Localisation du son avec des prothèses auditives binaurales

Publication

EP 2180726 B2 20141105 (DE)

Application

EP 10000610 A 20030613

Priority

- EP 03013553 A 20030613
- DE 10228632 A 20020626

Abstract (en)

[origin: EP1379102A2] The method has the signal propagation time between an input transducer (2) for an input acoustic signal and an output transducer (4) converting an electrical signal into an output acoustic signal measured for the hearing aid (1) for a first ear, with transmission of a corresponding signal to the hearing aid (1') for the second ear, used for matching the signal propagation time between its corresponding input transducer (2') and output transducer (4'). An Independent claim for a binaural hearing aid system is also included.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/552 (2013.01 - EP US)

Citation (opposition)

Opponent :

- WO 9943185 A1 19990826 - TOEPHOLM & WESTERMANN [DK], et al
- US 5434924 A 19950718 - JAMPOLSKY ARTHUR [US]
- EP 0941014 A2 19990908 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- WO 9714267 A1 19970417 - AUDIOLOGIC INC [US]
- US 4484345 A 19841120 - STEARNS WILLIAM P [US]
- WO 9926453 A1 19990527 - AUDIOLOGIC HEARING SYS LP [US]
- US 5016280 A 19910514 - ENGEBRETSON A MAYNARD [US], et al
- US 4049930 A 19770920 - FLETCHER JAMES C ADMINISTRATOR, et al
- DE 10046098 C1 20020404 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]

Designated contracting state (EPC)

CH DE DK FR GB LI

DOCDB simple family (publication)

EP 1379102 A2 20040107; EP 1379102 A3 20090304; EP 1379102 B1 20100804; DE 10228632 B3 20040115; DE 50312941 D1 20100916; DE 50313499 D1 20110407; DK 1379102 T3 20101108; DK 2180726 T3 20110614; DK 2180726 T4 20150216; EP 2180726 A1 20100428; EP 2180726 B1 20110223; EP 2180726 B2 20141105; US 2004057591 A1 20040325; US 7474758 B2 20090106

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