

Title (en)
Sound localization in binaural hearing aids

Title (de)
Richtungshören bei binauraler Hörgeräteversorgung

Title (fr)
Localisation du son avec des prothèses auditives binauriculaires

Publication
EP 1379102 A3 20090304 (DE)

Application
EP 03013553 A 20030613

Priority
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 (search report)
• [DA] WO 9943185 A1 19990826 - TOEPHOLM & WESTERMANN [DK], et al
• [A] WO 0207479 A1 20020124 - GN RESOUND AS [DK], et al
• [DA] US 5479522 A 19951226 - LINDEMANN ERIC [US], et al
• [DA] US 5434924 A 19950718 - JAMPOLSKY ARTHUR [US]
• [AD] EP 0941014 A2 19990908 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
• [A] US 4531229 A 19850723 - COULTER DAVID C [US]
• [DA] WO 9714268 A1 19970417 - AUDIOLOGIC INC [US]
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Cited by
EP2023667A3; CN111857041A; US7545944B2; US8483416B2

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

Designated extension state (EPC)
AL LT LV MK

DOCDB simple family (publication)
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