Title (en)

Method and device for reproducing synthetic generated signals through a binaural hearing system

Title (de)

Verfahren und Einrichtung zur Widergabe synthetisch erzeugter Signale durch ein binaurales Hörsystem

Title (fr)

Procédé et dispositif pour la reproduction de signaux synthétiques générés par un système auditif binaural

Publication

EP 1976332 A3 20150225 (DE)

Application

EP 08102457 A 20080310

Priority

DE 102007015223 A 20070329

Abstract (en)

[origin: EP1976332A2] The method involves providing a binaural listening system with two hearing aids (HG1, HG2), and enabling reproduction of a synthetically produced signal (SIG2) by the aid (HG2) around a defined time interval after reproduction of a synthetically produced signal (SIG1) by the aid (HG1). A time delay is measured, so that a mark of sound expansion is developed by a hearing system carrier, and a temporal distance between reproductions of synthetically produced signals lies at a range of 1 millisecond to 50 milliseconds approximately. An independent claim is also included for a device for reproducing synthetically produced signals through a binaural listening system.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/552 (2013.01 - EP US); H04S 1/005 (2013.01 - EP US); H04S 2420/05 (2013.01 - EP US)

Citation (search report)

- [XY] EP 1651005 A2 20060426 - PHONAK AG [CH]
- [YD] EP 1750482 A2 20070207 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [Y] EP 0040739 A1 19811202 - PFLEIDERER PETER M DIPL ING
- [A] GB 2224186 A 19900425 - AKG AKUSTISCHE KINO GERAETE [AT]
- [IY] "Räumliches Hören", 1 January 1974, S. HIRZEL VERLAG, Stuttgart, DE, article JENS BLAUERT: "Räumliches Hören", pages: 113 - 188, XP055162034

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 08102457 A 20080310; DE 102007015223 A 20070329; DK 08102457 T 20080310; US 7914308 A 20080325