

Title (en)

Synchronization of sound generated in binaural hearing system

Title (de)

Synchronisierung von erzeugtem Ton bei binauralem Hörsystem

Title (fr)

Synchronisation du son engendré dans un système de prothèse auditive binaural

Publication

EP 1651005 B1 20170322 (EN)

Application

EP 05027729 A 20051219

Priority

EP 05027729 A 20051219

Abstract (en)

[origin: EP1651005A2] The binaural hearing system (1) comprises a first hearing device (10R) and a second hearing device (10L), each comprising an output transducer (12L;12R) for converting audio signals into signals (7,8) to be perceived by a user of the hearing system; a communication link (20) interconnecting said first (10R) and said second (10L) hearing device; and a sound generator (17R) comprised in said first hearing device (10R) for generating first audio signals (30); and said first hearing device (10R) is adapted to transmitting said first audio signals (30) to said second hearing device (10L) via said communication link (20). Through the transmission of said generated first audio signals (30), it is possible to achieve a predictable latency for the perception of said first audio signals (30) by the user's two ears.

IPC 8 full level

H04R 25/00 (2006.01); **H04R 5/033** (2006.01)

CPC (source: EP)

H04R 25/552 (2013.01); **H04R 5/033** (2013.01); **H04R 25/407** (2013.01)

Cited by

EP1885156A3; EP2547122A4; EP1976332A3; US10104480B2; WO2009080108A1; WO2008006772A3; US8477975B2; US8526648B2; EP1885156A2; US8411886B2; US8295497B2; EP2039218B1

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