

Title (en)

System and method for generating auditory spatial cues

Title (de)

System und Verfahren zur Erzeugung von richtungsbestimmenden Merkmalen im Hörbereich

Title (fr)

Système et procédé pour générer des marqueurs auditifs spatiaux

Publication

**EP 1841281 B1 20150729 (EN)**

Application

**EP 06111808 A 20060328**

Priority

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Abstract (en)

[origin: EP1841281A1] This invention relates to a hearing aid system (100, 200, 300) for generating auditory spatial cues. The hearing aid system (100, 200, 300) comprises a first microphone unit (306) adapted to convert sound received at a first microphone (102) and received at a second microphone (104), a first delay unit (106) connected to the first microphone (102) delaying the signal from the first microphone (102), a first calculation unit (108) for summing the delayed signal of the first microphone (102) and signal of the second microphone (104), a processor unit (110) processing the summed signal, and a speaker converting the processed signal to a processed sound. The first and second microphones (102, 104) are separated by a predetermined first distance and the first delay unit (106) provides a predetermined first delay thereby generating a first auditory spatial cue representing a first spatial dimension in the summed signal.

IPC 8 full level

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Citation (examination)

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Cited by

DE102008046966B3; CN107925814A; US8285383B2; US10419871B2; US8706248B2

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