

Title (en)

Device and method for reducing subsonic effects in hearing devices with active occlusion reduction

Title (de)

Vorrichtung und Verfahren zur Reduzierung von Trittschallwirkungen bei Hörvorrichtungen mit aktiver Okklusionsreduktion

Title (fr)

Dispositif et procédé de réduction d'effets de bruit de pas dans des dispositifs auditifs dotés d'une réduction d'occlusion active

Publication

EP 2224752 B1 20151202 (DE)

Application

EP 09179426 A 20091216

Priority

- DE 102009010892 A 20090227
- US 15595909 P 20090227

Abstract (en)

[origin: EP2224752A1] The device (1) has impact sound identification unit (20) and control element (30) for identifying an impact sound (TS), which is formed at an auditory canal of a wearer, based on an impact sound level and/or impact sound frequency pattern. The identification unit and the control element reduce amplification of an active occlusion reduction unit (10) when the impact sound is present. The identification unit and the control element switches-off the active occlusion reduction unit when the impact sound is present. The identifying units comprise an acceleration sensor and a vibration sensor. An independent claim is also included for a method for operating a hearing device with active occlusion reduction.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

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