ABSTRACT

Acoustic device capable of producing active noise reduction

The invention relates to an acoustic device (2) capable of producing active noise reduction, which may be positioned on the head of a user, comprising at least one microphone capable of sensing a sound signal representative of ambient noise, including at least one active noise reduction acoustic module (4) comprising an osteophonic transducer (8), capable of being positioned on a side flank of the head of the user and of transmitting a vibratory signal transformed by bone conduction into an acoustic signal which may be perceived by the user, connected to said microphone, while said at least one acoustic module (4) includes an electronic circuit capable of generating a vibratory signal giving the possibility of attenuating perception of said ambient noise by the user.

Fig. 1

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Acoustic device capable of producing active noise reduction

The invention relates to an acoustic device (2) capable of producing active noise reduction, which may be positioned on the head of a user, comprising at least one microphone capable of sensing a sound signal representative of ambient noise, including at least one active noise reduction acoustic module (4) comprising an osteophonic transducer (8), capable of being positioned on a side flank of the head of the user and of transmitting a vibratory signal transformed by bone conduction into an acoustic signal which may be perceived by the user, connected to said microphone, while said at least one acoustic module (4) includes an electronic circuit capable of generating a vibratory signal giving the possibility of attenuating perception of said ambient noise by the user.

Fig. 1