

Title (en)
Device for noise reduction

Title (de)
Einrichtung zur Verminderung von Störschall

Title (fr)
Dispositif de réduction du bruit

Publication
EP 0737022 B1 20000531 (DE)

Application
EP 96104496 A 19960321

Priority
DE 19513111 A 19950407

Abstract (en)
[origin: EP0737022A2] The noise compensation device has a microphone (5) detecting the background noise, coupled to a compensation circuit (6) providing a signal for an electroacoustic transducer (7) used for noise compensation. The microphone has a compensation element (9) extending across its sound wave entry aperture (8), for reducing the effect of sound reflection at the ear. Pref. the microphone and the electroacoustic transducer face in the same direction and lie along a common centre axis.

IPC 1-7
H04R 3/00

IPC 8 full level
H04R 3/00 (2006.01)

CPC (source: EP US)
H04R 3/00 (2013.01 - EP US)

Cited by
DE102005052548A1; EP2161717A1; US8180092B2; US8391530B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0737022 A2 19961009; EP 0737022 A3 19970730; EP 0737022 B1 20000531; DE 19513111 A1 19961010; DE 59605337 D1 20000706;
US 6122383 A 20000919

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EP 96104496 A 19960321; DE 19513111 A 19950407; DE 59605337 T 19960321; US 63071796 A 19960408