

Title (en)

Method for manufacturing acoustical devices and for reducing wind disturbances

Title (de)

Verfahren zur Herstellung von akustischen Geräten und zur Verringerung von Windstörungen

Title (fr)

Procédé pour la fabrication des dispositifs acoustiques et pour la réduction des perturbations dues au vent

Publication

EP 1339256 A2 20030827 (EN)

Application

EP 03004661 A 20030303

Priority

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Abstract (en)

For reducing wind noise effects at a hearing device the output of an acoustical to electrical arrangement (3) of the hearing device is operationally connected to a high-pass filter arrangement (5) having a control input (C5) for the high-pass corner frequency (fc). The output of the high-pass filter unit (5) is operationally connected on one hand to a processor unit (PR) which fulfills transfer characteristic tailoring according to the needs of an individual. The output of the processor unit (PR) is operationally connected to an output electrical to mechanical converter arrangement (7). On the other hand the output of the filter unit (5) is operationally connected to a statistic-forming unit (9) which thus acts as a low-pass type unit. The output of the statistic-forming unit (9) is operationally connected to the control input of the filter unit (5).

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H04R 25/00

IPC 8 full level

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Citation (applicant)

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- DE 10045197 C1 20020307 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
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- H. DILLON ET AL.: "The sources of wind noise in hearing aids", IHCON, 2000
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