

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 2249586 A3 20120620 (EN)**

Application

**EP 10173173 A 20030303**

Priority

EP 03004661 A 20030303

Abstract (en)

[origin: EP1339256A2] 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).

IPC 8 full level

**H04R 25/00** (2006.01); **G10L 21/02** (2006.01); **G10L 21/0208** (2013.01); **G10L 21/00** (2006.01); **G10L 21/0232** (2013.01); **G10L 21/06** (2013.01); **G10L 25/90** (2013.01)

CPC (source: EP)

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Citation (search report)

- [X] WO 0232208 A2 20020425 - PHONAK AG [CH], et al
- [A] WO 9827543 A2 19980625 - INTERVAL RESEARCH CORP [US]

Cited by

US9917916B2; TWI558180B

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**EP 1339256 A2 20030827**; **EP 1339256 A3 20050622**; **EP 1339256 B1 20171227**; DK 1339256 T3 20180129; EP 2249586 A2 20101110; EP 2249586 A3 20120620; EP 2254349 A2 20101124; EP 2254349 A3 20140813; EP 2254350 A2 20101124; EP 2254350 A3 20140723; EP 2254351 A2 20101124; EP 2254351 A3 20140813; EP 2254352 A2 20101124; EP 2254352 A3 20120613

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