Title (en)

HEARING INSTRUMENT

Title (de)

HÖRHILFEGERÄT

Title (fr)

APPAREIL AUDITIF

Publication

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Application

EP 99923823 A 19990621

Priority

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Abstract (en)

[origin: WO0002418A1] The hearing instrument comprises a circuit (12) for transforming an audio signal (11) into an output signal (13), which circuit (12) comprises filter means (18) for dividing the audio signal (11) into at least two frequency band signals and amplifier means (20, 22) for amplifying the frequency band signals. The circuit (12) further comprises control means (24) for the generation of at least first (21) and second (23) control signals which control the amplification of the frequency band signals and means (26) for including the amplified frequency band signals into the output signal (13). The control means (24) are embodied so as to increase a level of the first control signal (21) while simultaneously decreasing the level of the second control signal (23), or vice versa. The control means (24) may comprise a single control element (38), e.g. a variable resistor. In this way, the hearing instrument can easily be configured as a BILL or as a TILL or as a substantially linear hearing instrument.

IPC 1-7 (main, further and additional classification)

H04R 25/00

IPC 8 full level (invention and additional information)

H03G 5/22 (2006.01); **H03G 9/02** (2006.01); **H04R 25/00** (2006.01)

CPC (invention and additional information)

H03G 5/22 (2013.01); **H03G 9/025** (2013.01); **H04R 25/356** (2013.01); H04R 25/502 (2013.01)

Citation (search report)

See references of WO 0002418A1

Designated contracting state (EPC)

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EPO simple patent family

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INPADOC legal status

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- Effective date : 20040102

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- Effective date : 20000330

2000-07-05 [AK] DESIGNATED CONTRACTING STATES:

- Kind Code of Ref Document : A1
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