

Title (en)  
Method and system for providing hearing assistance to a user

Title (de)  
Verfahren und System zur Hörhilfebereitstellung für einen Benutzer

Title (fr)  
Procédé et système pour fournir assistance auditive à un utilisateur

Publication  
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Application  
**EP 06011143 A 20060530**

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Abstract (en)  
The invention relates to a method for providing hearing assistance to a user, comprising: capturing audio signals by a microphone arrangement (18) and transmitting the audio signals by a transmission unit (10) via a modulated wireless audio link (30) to a receiver unit (12) and receiving the audio signals at the receiver unit (12); analyzing the amplitude of the received audio signals by an analyzer unit (34) of the receiver unit (12); dynamically adjusting by a gain control unit (36) located in the receiver unit (12) the gain applied to the received audio signals according to the result of the analysis by the analyzer unit (34), wherein the gain is equal to or larger than a first value (G<sub>H</sub>) if the amplitude of the received audio signals is equal to or larger than a first threshold (U<sub>1H</sub>) and is reduced to a finite value less than said first value if the amplitude of the received audio signals is less than said first threshold (U<sub>1H</sub>); and stimulating the user's hearing by stimulating means (14, 16) worn at or in the user's ear according to the audio signals amplified according to the gain set by the gain control unit (36).

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Citation (search report)

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