

Title (en)
Wireless audio signal receiver device for a hearing instrument

Title (de)
Drahtloses Audiosignalempfängersgerät für ein Hörgerät

Title (fr)
Dispositif récepteur sans fils de signaux audio pour appareil auditif

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Application
EP 06006778 A 20060330

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Abstract (en)
The invention relates to a receiver device (10) for receiving audio signals from a remote source (12), comprising: a magnetic loop antenna (20) for receiving radio frequency signals carrying audio signals, a signal processing unit (21) for reproducing audio signals from the radio frequency signals received by the antenna, an output interface (24) which is capable of being mechanically connected to an input interface (26) of a hearing instrument (16) to be worn at a user's ear in order to supply the audio signals from the signal processing unit as input to the hearing instrument, and a housing (18, 64) enclosing the antenna and the signal processing unit, wherein the antenna is designed as a printed board circuit with a loop-like conductor (56) on an at least partially flexible insulating substrate (55) and comprises a first portion (58) defining a first plane and a second portion (60) defining a second plane, wherein the first plane and the second plane are oriented at an angle of 60 to 120 degrees relative to each other.

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Citation (examination)
• DE 102004017832 B3 20051020 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
• DE 20114461 U1 20011031 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]

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