

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

Title (de)
Drahtloses Audiosignalempfängsgerät für ein Hörgerät

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

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EP 2257080 B1 20120118 (EN)

Application
EP 10177385 A 20060330

Priority
EP 06006778 A 20060330

Abstract (en)
[origin: EP1681903A2] 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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