

Title (en)
METHOD AND DEVICE FOR TRANSFERRING SENSOR DATA OF AN IMPLANTABLE SENSOR TO AN EXTERNAL DATA PROCESSING UNIT

Title (de)
VERFAHREN UND VORRICHTUNG ZUR ÜBERTRAGUNG VON SENSORDATEN EINES IMPLANTIERBAREN SENSORS AUF EIN EXTERNES DATENVERARBEITENDES GERÄT

Title (fr)
PROCÉDÉ ET DISPOSITIF POUR LA TRANSMISSION DE DONNÉES DE DÉTECTION ENTRE UN CAPTEUR IMPLANTABLE ET UN APPAREIL EXTÉRIEUR DE TRAITEMENT DES DONNÉES

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Application
EP 12748173 A 20120720

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Abstract (en)
[origin: WO2013017440A1] The invention relates to the transmission of sensor data of an implantable sensor (2) having a measurement data recorder (4), an energy storage unit (8) and a transmitter unit (13) to an external data processing unit (3) having a transmitter/receiver unit (17), wherein a high-frequency energy carrier signal is first transmitted from an energy supply device (18). At least one part of the energy contained in the high-frequency energy carrier signal is stored in the energy storage unit (8) of the implantable sensor (2). After completion of the transmitting of the high-frequency energy carrier signal, a sensor measurement is carried out with the measurement data recorder (4) of the implantable sensor (2). The measured sensor data are transmitted from the transmitter unit (13) of the implantable sensor (2) to the transmitter/receiver unit (17) of the external data processing unit (3). According to the invention, the result is a transmission method in which interference from the HF supply is avoided, with a compact design.

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Citation (search report)
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Cited by
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