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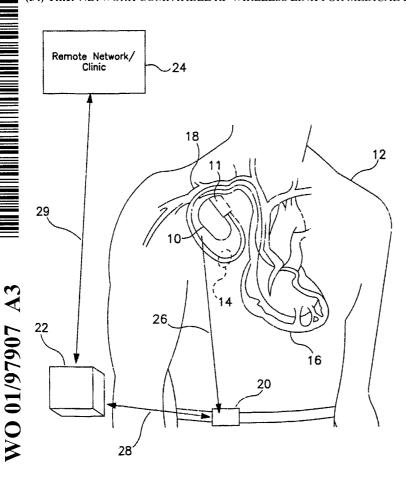
55432

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(54) Title: NETWORK COMPATIBLE RF WIRELESS LINK FOR MEDICAL DEVICE DATA MANAGEMENT



(57) Abstract: A network compatible RF Wireless Link for Medical Device Data Management includes apparatus for establishing a communication link between an IMD, a patient-worn device, and a remote monitoring station while at the same time minimizing device current drain. The minimal current drain is achieved by scheduling periodic interrogation of the data collected by the IMDs for subsequent transmission to a remote location. Generally, the communication system is implemented to transmit data preferably telemetered from the IMD to a patient-worn device. The data from the patient-worn device is transmitted to a transceiver that sends the data to a remote information network. The patient-worn device may be equipped with a Bluetooth (BT) or Home communication system. The transceiver is preferably similarly equipped with BT or Home RF technology having a plurality of nodes. In one aspect of the invention, the patient-worn device would transmit data to the transceiver, which may be connected to a phone line, cellular phone, satellite communication systems, telemetry or equivalent wireless data communication system. The system provides patient mobility while enabling data transmission and interrogation of one or more implanted medical devices in the patient.

INTERNATIONAL SEARCH REPORT

Interr nal Application No PCT/US 01/20084

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61N1/372									
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS SEARCHED									
Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61N									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
Electronic da	ata base consulted during the international search (name of data bas	se and, where practical, search terms used)						
EPO-In	ternal								
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
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° Special categories of cited documents: "T" later document published after the international filling date									
"A" document defining the general state of the art which is not considered to be of particular relevance or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention									
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