

Method for Accessing Radio Frequency Communication with Low-Frequency Magnetic Communication

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ABSTRACT

The present invention deals with a method for accessing to radio frequency communication with low-frequency electromagnetic communication. The method includes: a request side sends an activation request including the first random data via a low frequency channel; a requested side receives the activation request, generates an activation response message including the second random data and an identifier of the requested side, and sends the activation response message according to the first radio frequency communication address; the request side receives and verifies the activation response message. If the verification is passed, the request side generates a connection request including the third random data, and sends the connection request according to the second radio frequency communication address; the requested side receives and verifies the connection request. If the verification is passed, the requested side generates a connection response message, and sends the connection response message according to the second radio frequency communication address; the request side receives the connection response message to verify whether the connection is successful. If the connection is successful, the request side trades with the requested side, according to the second radio frequency address, via a radio channel. The present invention accelerates the access speed of the radio frequency communication with low-frequency electromagnetic communication.

25 Figure 3