

Title (en)

METHOD AND APPARATUS FOR THE REMOTE READING OF AN ENERGY METER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR FERNABLESUNG EINES STROMMESSGERÄTES

Title (fr)

PROCEDE ET DISPOSITIF DE TELERELEVÉ DE COMPTEUR D'ENERGIE

Publication

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Application

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Abstract (en)

[origin: WO2007063181A1] The present publication describes a method and apparatus from the remote reading of energy meters. According to the method, several electrical appliances (1) are used to measure or control an electricity network, which electrical appliances (1, 4) are installed in the vicinity of each other, for example, in the same switch cabinet (6) or unit. According to the invention, in at least some of the electrical appliances (1) measurement information is recorded with the aid of RFID electronics (2) and forwarded through an antenna (3), or control information is received with the aid of the RFID electronics, the information transmitted from, or received in the electrical appliances (1) is transmitted with the aid of a collection device (4), which includes RFID reading electronics (8), as well as a telecommunications apparatus (10) from forwarding or receiving data, while the connection of the signal from the electrical appliances (1) to the collection device (4) is boosted with the aid of a conductor arrangement (5) located in the vicinity of the electrical appliances.

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