

Title (en)
DUAL PROTOCOL RECEIVER FOR A LOW-ENERGY TRANSMITTER

Title (de)
ZWEIPROTOKOLLEMPFÄNGER FÜR EINEN ENERGIEARMEN SENDER

Title (fr)
RÉCEPTEUR BI-PROTOCOLE POUR ÉMETTEUR À ÉNERGIE RÉDUITE

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Application
EP 10708387 A 20100225

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Abstract (en)
[origin: WO2010097772A1] The invention relates to a method for polling an order receiver, including an HF receiving circuit (41) having an adjustable carrier frequency, and linking means (42, 43) having adjustable communication rate parameters, enabling the same to communicate at a low bit rate frequency modulated (FM) transmission/reception (LBR) with order transmitters or with other order receivers that belong to a same two-way directional home automation network (2W) and, as well as at least at a high bit rate FM reception (HBR) with at least one simple transmitter having a very low power reserve and capable of transmitting a high bit rate FM radiofrequency signal (1W) on a fixed carrier frequency (FO) upon each activation of the simple transmitter by the user, wherein, in a standby mode, the order receiver repeatedly alternates a first high bit rate (HBR) listening period (T1) and a second low bit rate (LBR) listening period (T2), the alternation being adapted so as to ensure the reading of a complete frame from the simple transmitter including when the power reserve of the simple transmitter limits the transmission to less than three complete frames.

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Cited by
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