

Title (en)

ELECTRICAL SUPPLY SYSTEM FOR ELECTRONIC DEVICES

Title (de)

ELEKTRISCHES VERSORGUNGSSYSTEM FÜR ELEKTRONISCHE VORRICHTUNGEN

Title (fr)

SYSTÈME D'ALIMENTATION ÉLECTRIQUE POUR DISPOSITIFS ÉLECTRONIQUES

Publication

EP 2953108 B1 20191127 (EN)

Application

EP 15170859 A 20150605

Priority

IT MI20141039 A 20140606

Abstract (en)

[origin: EP2953108A1] The present invention refers to an electrical power supply system for electronic devices, particularly but not exclusively usable in the field of domotics and, in particular, in the field of an electrical household system in which the electrical power supply system (10) comprises: at least one electronic device (12) comprising a box-shaped body (13) containing inside it at least one electrical storage device (14) and an electronic apparatus (15) that is powered by the electrical storage device (14), the electronic device (12) being configured for transmitting in a wireless manner control and/or information signals and for receiving in a wireless manner at least one power supply signal and for at least partially compensating for the discharge of the at least one electrical storage device (14) due to the leakage currents and/or medium operating currents; a power supply device (11) configured for being connected to an electrical power supply line and for transmitting in a wireless manner a power supply signal to the at least one electronic device (12) when the power supply device (11) is connected to the electrical power supply line, said power signal having energy such as to at least partially compensate for the discharge of the at least one electrical storage device (14) due to the leakage currents and/or medium operating currents, the electrical power supply system being characterised in that the power supply device (11) is configured for transmitting the power signal at the infrared frequencies.

IPC 8 full level

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CPC (source: EP)

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