

Title (en)

METHOD AND SYSTEM FOR INCORPORATING AN ELECTRICAL DEVICE INTO AN ENERGY SUPPLY SYSTEM

Title (de)

VERFAHREN UND SYSTEM ZUM EINBINDEN EINES ELEKTRISCHEN GERÄTES IN EIN ENERGIEVERSORGUNGSNETZ

Title (fr)

PROCEDE ET SYSTEME POUR INTEGRER UN APPAREIL ELECTRIQUE DANS UN RESEAU D'ALIMENTATION EN ENERGIE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2008037235A1] The invention relates to a method and a system for incorporating an electrical device (2a) into an energy supply system (1), wherein the electrical device (2a) can be connected to a system controller (3) for the purpose of controlling at least one system parameter, and the electrical device (2a) has a unique identification, and the electrical device (2a) communicates the identification after prior registration to the system controller (3). As a result of the use of an additional management unit (4) with access to the system states of the energy supply system (1), an optimum device configuration can be determined by means of control-based systems (10) and transmitted by the management unit (4) to the registering electrical device (2a). With the implementation of the device configuration in the electrical device (2a), a second registration and subsequent authentication take place in the energy supply system (1). This ensures that the electrical devices (2a, 2b, 2c) of the associated system components (9a, 9b, 9c) do not need to be configured locally and that their control is ensured in small-area, self-managing cells as clusters of interconnected electrical devices (2b, 2c).

IPC 8 full level

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