

Title (en)

DEVICE AND METHOD FOR CONNECTING AN ENERGY-CONVERTING TERMINAL

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ANSCHLUSS EINES ENERGIEWANDELNDEN ENDGERÄTES

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR CONNECTER UN APPAREIL TERMINAL CONVERTISSEUR D'ÉNERGIE

Publication

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Application

EP 10796023 A 20101220

Priority

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- EP 2010070175 W 20101220

Abstract (en)

[origin: WO2011091910A2] The invention relates to a device for connecting an energy-converting terminal to an electric power supply network and for exchanging data via the power supply network, wherein a network connection for connection to the power supply network, a communication unit for receiving and for sending data via the power supply network, a logic unit for controlling the data exchange and for controlling the power of the energy-converting terminal, sensors and an associated signal processing unit for monitoring the energy-converting terminal as well as a power unit for controlling the flow of energy to the energy-converting terminal are provided. For this purpose, the network connection, the communication unit, the logic unit, a sensor unit having sensors and the signal processing assigned to the sensors, and the power unit are combined in an application-specific integrated circuit (ASIC). The invention also relates to a corresponding method. The device and the method enable a cost-effective, space-saving connection of energy-converting terminals to a data network operated via a powerline.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2011091910A2

Citation (examination)

WO 2010009502 A1 20100128 - DIUS COMPUTING PTY LTD [AU], et al

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