

Title (en)

METHOD FOR CONTROLLING AN ELECTRICAL INSTALLATION HAVING A PLURALITY OF ELECTRICAL DEVICES, CONTROL UNIT, AND ELECTRICAL INSTALLATION HAVING SUCH A CONTROL UNIT

Title (de)

VERFAHREN ZUR STEUERUNG EINER ELEKTRISCHEN ANLAGE MIT EINER MEHRZAHL VON ELEKTRISCHEN GERÄTEN, STEUERUNGSEINHEIT UND ELEKTRISCHE ANLAGE MIT EINER DERARTIGEN STEUERUNGSEINHEIT

Title (fr)

PROCÉDÉ DE COMMANDE D'UNE INSTALLATION ÉLECTRIQUE AYANT UNE PLURALITÉ D'APPAREILS ÉLECTRIQUES, UNITÉ DE COMMANDE ET INSTALLATION ÉLECTRIQUE ÉQUIPÉE D'UNE UNITÉ DE COMMANDE DE CE GENRE

Publication

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Application

EP 19801331 A 20191108

Priority

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Abstract (en)

[origin: WO2020126209A1] A description is given of a method for controlling an electrical installation (1) having electrical devices (2) which can be operated in an energy-producing, energy-storing and/or energy-consuming manner and are connected to an energy supply network (5). The method comprises a first stage which is aimed at achieving an installation aim $P_{Anl,Soll}$ for a power flow P_{Anl} assigned to the installation (1) at the network connection point (4), and a second stage which is aimed at achieving an individual device aim $P_{Ger,Soll,i}$ for a power flow $P_{Ger,i}$ of each device (2) from the plurality of devices (2). On the basis of detection of a power flow P_{Anl} of the installation (1) at a network connection point (4) and a comparison of the detected power flow P_{Anl} of the installation (1) with the installation aim $P_{Anl,soll}$, the installation (1) is operated in the second stage if the detected power flow P_{Anl} of the installation (1) is within a tolerance range around the installation aim $P_{Anl,soll}$, or otherwise the installation is operated in the first stage. A control unit (3) and such an installation (1) are likewise described.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2020126209A1

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