

Title (en)
SWITCHING ON END DEVICES ACCORDING TO NETWORK LOAD

Title (de)
NETZLASTABHÄNGIGES EINSCHALTEN VON ENDGERÄTEN

Title (fr)
MISE EN MARCHE DE TERMINAUX EN FONCTION DE LA CHARGE RÉSEAU

Publication
EP 2589125 A1 20130508 (DE)

Application
EP 10728659 A 20100629

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Abstract (en)
[origin: WO2012000538A1] The invention relates to an electrical device (20) for connecting to an electrical distribution network of a building, said electrical distribution network being connected to an electrical energy supply network. The electrical device has a switching device (22), by means of which an electrical load (21) can be switched on and off. In order to further develop such an electrical device in such a way that relatively simple demand control of an electrical load is possible, the electrical device (20) has a monitoring device (23), which is designed to monitor the voltage and/or frequency present at the electrical device on the distribution network side and to generate a switch-on signal if the monitored voltage and/or frequency exceeds an upper threshold value and to generate a switch-off signal if the monitored voltage and/or frequency falls below a lower threshold value, and the switching device (22) is designed to establish a current flow between the distribution network and the electrical load (21) when a switch-on signal is present and to interrupt a current flow between the distribution network and the electrical load (21) if a switch-off signal is present.

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