

Title (en)

METHOD FOR REGULATING AN INFEED POWER OF AN INFEED DEVICE INTO AT LEAST ONE PHASE OF AN ELECTRICAL CONSUMER NETWORK COMPRISING AT LEAST ONE ELECTRICAL CONSUMER

Title (de)

VERFAHREN ZUR REGELUNG EINER EINSPEISELEISTUNG EINER EINSPEISEEINRICHTUNG IN ZUMINDEST EINE PHASE EINES ZUMINDEST EINEN ELEKTRISCHEN VERBRAUCHER UMFASSENDEN ELEKTRISCHEN VERBRAUCHERNETZES

Title (fr)

PROCÉDÉ DE RÉGULATION DE LA PUISSANCE D'ALIMENTATION D'UN DISPOSITIF D'ALIMENTATION DANS AU MOINS UNE PHASE D'UN RÉSEAU DE CONSOMMATEURS ÉLECTRIQUES COMPRENANT AU MOINS UN CONSOMMATEUR ÉLECTRIQUE

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Application

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Abstract (en)

[origin: WO2023046778A1] The invention relates to a method for regulating an infeed power of an infeed device (10) into at least one phase (L1, L2, L3) of an electrical consumer network (L) comprising at least one electrical consumer (11), comprising the following steps: a) acquiring a first measured characteristic value (IM1-3) that characterizes a power consumed or output by the at least one phase (L1, L2, L3) of the electrical consumer network (L) at a point in time (t), b) acquiring a second measured characteristic value (IMWR1-3) that characterizes an infeed power fed into the at least one phase (L1, L2, L3) by the infeed device (10) at the point in time (t), as control value, c) determining a setpoint value (IWR Soll1-3) from the first measured characteristic value (IM1-3) and the control value, d) regulating the infeed device (10) in accordance with the setpoint value (IWR Soll1-3) so as to provide an infeed power corresponding to the setpoint value (IWR Soll1-3), and e) feeding the infeed power into an electrical connection (D1, D2, D3) of the consumer network (L), which electrical connection is in particular connected downstream of a metering unit (N2) of the consumer network (L), is electrically connected to at least one phase (L1, L2, L3) and is designed for AC voltages between 100 and 500 V.

IPC 8 full level

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