

Title (en)

SOLAR INVERTER AND PHOTOVOLTAIC INSTALLATION COMPRISING SEVERAL SOLAR INVERTERS

Title (de)

SOLARWECHSELRICHTER UND PHOTOVOLTAIKANLAGE MIT MEHREREN SOLARWECHSELRICHTERN

Title (fr)

CONVERTISSEUR SOLAIRE ET DISPOSITIF PHOTOVOLTAIQUE COMPORTANT PLUSIEURS CONVERTISSEURS SOLAIRES

Publication

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Application

EP 05753007 A 20050525

Priority

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Abstract (en)

[origin: WO2005117245A1] The invention relates to a solar inverter (M1-M3) which can be connected to at least one photovoltaic generator (SM1-SM3) at the input end and to a power system (SN), especially a public power system, at the output end. Said solar inverter (M1-M3) comprises at least one inverter module (WR), an electronic control unit (μ C) at least for diagnosing an inverter module, and a bus interface (BA) for technically connecting the electronic control unit to a communication bus (BUS). The electronic control unit is provided with means for cyclically outputting a piece of status information (S1-S3) of the solar inverter on the communication bus, means for cyclically reading status information (SA) of other solar inverters that are connected to the communication bus, and means for outputting an error message (F) on the communication bus in case at least one expected additional piece of status information (SA) fails to be output. The invention advantageously dispenses with the need for a separate monitoring unit.

IPC 8 full level

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Citation (search report)

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