

Title (en)

OPTIMISATION OF PHOTOVOLTAIC SOLAR ENERGY RECOVERY

Title (de)

OPTIMIERUNG VON FOTOVOLTAISCHER SOLARENERGIERÜCKGEWINNUNG

Title (fr)

OPTIMISATION DE LA RÉCUPÉRATION ÉNERGÉTIQUE SOLAIRE PHOTOVOLTAÏQUE

Publication

EP 3304683 A1 20180411 (FR)

Application

EP 16726843 A 20160525

Priority

- FR 1554670 A 20150525
- EP 2016061808 W 20160525

Abstract (en)

[origin: WO2016189035A1] The method of operation of an autonomous system (10) comprising a photovoltaic generator (11) arranged so as to supply a main load (12) tends to optimize the photovoltaic solar energy recovery. The main load comprises, a primary load (20) arranged in series with a secondary load (30); a first interrupter system (31) arranged in such a way as to disconnect the secondary load (30) from the main load (12). The method comprises the following steps: - measuring at least one electrical quantity (Am) chosen from among: an output current intensity (I11) of the photovoltaic generator (11), a voltage across the terminals (U11) of the photovoltaic generator (11), and a voltage across the terminal (U20) of the primary load (20); - comparing the measured electrical quantity (Am) with a first threshold value (As1); - actuating the first interrupter system (31) as a function of the result of the comparison.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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