

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)

See references of WO 2016189035A1

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