

Title (en)

METHOD AND SYSTEM FOR ESTIMATING THE ELECTRICAL POWER SUPPLIED BY A PHOTOVOLTAIC MODULE

Title (de)

VERFAHREN UND SYSTEM ZUR SCHÄTZUNG DER VON EINEM FOTOVOLTAISCHEN MODUL GELIEFERTEN ELEKTRISCHEN LEISTUNG

Title (fr)

PROCÉDÉ ET SYSTÈME D'ESTIMATION DE LA PUISSANCE ÉLECTRIQUE FOURNIE PAR UN MODULE PHOTOVOLTAÏQUE

Publication

**EP 4264825 A1 20231025 (FR)**

Application

**EP 21854807 A 20211213**

Priority

- FR 2013437 A 20201217
- EP 2021085523 W 20211213

Abstract (en)

[origin: WO2022128932A1] The invention relates to a method for estimating the electrical power of a target photovoltaic module within a group i of several photovoltaic modules, said method comprising the following steps: - determining a temperature ( $T(i,j)$ ) of each photovoltaic module within the group i of photovoltaic modules and selecting at least one reference photovoltaic module ( $M_{ref}$ ), distinct from said target photovoltaic module; - determining a theoretical electrical power ( $P_{elec(i,j)}$ ) supplied by the reference photovoltaic module at the reference temperature; - determining corrected environmental parameters for which said reference photovoltaic module supplies the theoretical electrical power; - determining the corrected electrical power ( $P_{elec(i,j)}$ ) of said target photovoltaic module from the corrected environmental parameters.

IPC 8 full level

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Citation (search report)

See references of WO 2022128932A1

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