

Title (en)
STAND-ALONE ENERGY FACILITY

Title (de)
AUTONOME ENERGIEANLAGE

Title (fr)
INSTALLATION D'ÉNERGIE AUTONOME

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Application
EP 18704138 A 20180115

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Abstract (en)
[origin: WO2018133900A1] The invention relates to a stand-alone energy facility for converting solar radiation (8) into electrical energy with a cost-effective energy storage device for buffering power peaks and for compensating power dips for a largely homogeneous production profile of the electrical power emitted. The energy facility comprises a base photovoltaic module (1), a combined photovoltaic thermogenerator module (2), and a thermogenerator storage cell (3), which are interconnected by means of a control and regulating unit (5). It is particularly suitable for using in undeveloped regions without network infrastructure.

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