

Title (en)  
STAND-ALONE ENERGY FACILITY

Title (de)  
AUTONOME ENERGIEANLAGE

Title (fr)  
INSTALLATION D'ÉNERGIE AUTONOME

Publication  
**EP 3571724 A1 20191127 (DE)**

Application  
**EP 18704138 A 20180115**

Priority  
• DE 102017101160 A 20170123  
• DE 102017119974 A 20170831  
• DE 2018100024 W 20180115

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.

IPC 8 full level  
**H01L 31/052** (2014.01); **H01L 35/00** (2006.01); **H01L 35/30** (2006.01); **H02S 10/10** (2014.01)

CPC (source: EP)  
**H01L 31/052** (2013.01); **H01L 31/0521** (2013.01); **H02S 10/10** (2014.12); **H10N 10/00** (2023.02); **H10N 10/13** (2023.02); **Y02E 10/50** (2013.01)

Citation (search report)  
See references of WO 2018133900A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102017104791 B3 20180705**; DE 102017119974 A1 20180726; EP 3571724 A1 20191127; WO 2018133900 A1 20180726

DOCDB simple family (application)  
**DE 102017104791 A 20170308**; DE 102017119974 A 20170831; DE 2018100024 W 20180115; EP 18704138 A 20180115