

Title (en)

SUPPORT SYSTEM FOR ARRANGING A PHOTOVOLTAIC UNIT HAVING AT LEAST ONE PHOTOVOLTAIC MODULE

Title (de)

TRÄGERSYSTEM ZUR ANORDNUNG EINER PHOTOVOLTAIKEINHEIT AUFWEISEND MINDESTENS EIN PHOTOVOLTAIKMODUL

Title (fr)

SYSTÈME DE SUPPORT POUR L'AGENCEMENT D'UNE UNITÉ PHOTOVOLTAÏQUE PRÉSENTANT AU MOINS UN MODULE PHOTOVOLTAÏQUE

Publication

EP 3810997 A1 20210428 (DE)

Application

EP 19722859 A 20190506

Priority

- DE 102018114621 A 20180619
- EP 2019061516 W 20190506

Abstract (en)

[origin: WO2019242925A1] The invention relates to a support system (1) for arranging a photovoltaic unit (2) having at least one photovoltaic module (3a-3o) for producing energy, in particular power, wherein the support system (1) comprises at least a first support element (4a-4f) and a second support element (4a-4f), which are designed for the arrangement of the photovoltaic module (3a-3o), wherein the support elements (4a-4f) are arranged at a distance from one another and each have at least one support surface (8, 9, 13, 14) for the arrangement of the photovoltaic module (3a-3o), wherein the first support element (4a-4f) and the second support element (4a-4f) each have at least one supporting element (11a, 11b, 12a, 12b) which, together form a first supporting element pair for a photovoltaic module (3a-3o), wherein the respective supporting elements (11a, 11b, 12a, 12b) are connected to the respective support surface (8, 9, 13, 14) and are at least partly arranged at a distance from the respective support surface (8, 9, 13, 14) of the corresponding support element (4a- 4f), wherein the photovoltaic module (3a-3o) is at least partly arranged on at least two supporting elements (11a, 11b, 12a, 12b) and counteracts the gravitational force of the photovoltaic module (3a-3o).

IPC 8 full level

F24S 25/35 (2018.01); **F24S 25/12** (2018.01); **F24S 25/63** (2018.01)

CPC (source: EP)

F24S 25/12 (2018.04); **F24S 25/35** (2018.04); **F24S 25/63** (2018.04); **H02S 20/10** (2014.12); **F24S 2025/018** (2018.04); **F24S 2025/6001** (2018.04); **F24S 2025/6007** (2018.04); **Y02E 10/47** (2013.01); **Y02E 10/50** (2013.01)

Citation (search report)

See references of WO 2019242925A1

Cited by

US11750148B2

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 102018114621 A1 20191219; EP 3810997 A1 20210428; WO 2019242925 A1 20191226

DOCDB simple family (application)

DE 102018114621 A 20180619; EP 19722859 A 20190506; EP 2019061516 W 20190506