

Title (en)

SOLAR FACILITY WITH A PLURALITY OF IN-LINE TRACKER SUPPORT SYSTEMS

Title (de)

SOLARZELLE MIT MEHREREN INLINIE-TRACKERUNTERSTÜTZUNGSSYSTEMEN

Title (fr)

INSTALLATION SOLAIRE AVEC PLUSIEURS SYSTEMES DE SUPPORT SUIVEUR EN LIGNE

Publication

**EP 2954267 A1 20151216 (FR)**

Application

**EP 14706882 A 20140204**

Priority

- FR 1350975 A 20130205
- FR 2014050203 W 20140204

Abstract (en)

[origin: WO2014122391A1] A linear solar facility (1) comprising at least two tracker support systems (2) for solar collectors, in which each tracker support system (2) can be oriented according to a main axis of rotation (20) with the tracker support systems (2) aligned along a same line with the main axes of rotation (20) of same being merged, in which each tracker support system (2) comprises: a fixed ground-anchoring structure (21); a mobile structure comprising a platform (22) for supporting the solar collectors, rotatably mounted on the fixed structure (21) according to the main axis of rotation (20); a mechanical drive system (24) for driving the mobile structure in rotation according to the main axis of rotation (20). The facility comprises an actuating system (3) shared by the tracker support systems (2), coupled to the mechanical drive systems (24) of same via a mechanical transmission device (4) that extends parallel to the main axis of rotation, such that the platforms (22) are driven in rotation concomitantly by said actuating system (3) via the transmission device (4) and the mechanical drive systems (24).

IPC 8 full level

**F24J 2/54** (2006.01)

CPC (source: EP US)

**F24S 30/425** (2018.04 - EP US); **H02S 20/32** (2014.12 - US); **F24S 2030/136** (2018.04 - EP US); **Y02E 10/47** (2013.01 - EP US); **Y02E 10/50** (2013.01 - EP)

Citation (search report)

See references of WO 2014122391A1

Citation (examination)

- GB 2235786 A 19910313 - VEN KARI, et al
- KR 20120000106 U 20120104

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)

**FR 3001793 A1 20140808**; **FR 3001793 B1 20160527**; BR 112015018605 A2 20170718; CN 105008819 A 20151028; EP 2954267 A1 20151216; MX 2015009955 A 20160304; US 2016013751 A1 20160114; WO 2014122391 A1 20140814

DOCDB simple family (application)

**FR 1350975 A 20130205**; BR 112015018605 A 20140204; CN 201480007492 A 20140204; EP 14706882 A 20140204; FR 2014050203 W 20140204; MX 2015009955 A 20140204; US 201414765733 A 20140204