

Title (en)
KIT FOR MOUNTING A PHOTOVOLTAIC ASSEMBLY

Title (de)
KIT ZUR MONTAGE EINER FOTOVOLTAIKANLAGE

Title (fr)
KIT DE MONTAGE D'UN ENSEMBLE PHOTOVOLTAÏQUE

Publication
EP 2471107 A4 20140618 (EN)

Application
EP 09849314 A 20090828

Priority
US 2009004897 W 20090828

Abstract (en)
[origin: WO2011031248A2] A kit for facilitating the installation of a photovoltaic assembly on a supporting structure is provided. The kit comprises one or more engagement members and a holding member. The holding member conforms to the shape of the one or more engagement members and is configured to be mounted on the supporting structure. The photovoltaic assembly is mounted on the holding member using the one or engagement members. Thereafter, the photovoltaic assembly is secured to the supporting structure using the appropriate hardware. The kit may further comprise a channel which is configured to be attached to the supporting structure. The holding member and the photovoltaic assembly may be attached to the supporting structure via this channel. The kit of the present invention reduces the manual effort and time required during the installation of the photovoltaic assembly, thereby improving the efficiency of the process.

IPC 8 full level
H01L 31/05 (2014.01); **F21V 21/116** (2006.01); **F24J 2/46** (2006.01); **F24J 2/52** (2006.01); **H01L 31/042** (2014.01)

CPC (source: EP US)
F24S 25/12 (2018.04 - EP); **F24S 25/20** (2018.04 - EP); **F24S 25/63** (2018.04 - EP); **F24S 25/65** (2018.04 - EP); **F24S 25/70** (2018.04 - EP); **F24S 40/00** (2018.04 - EP US); **H02S 20/00** (2013.01 - EP US); **H02S 30/10** (2014.12 - EP); **H02S 40/32** (2014.12 - EP); **F21V 21/116** (2013.01 - EP); **F24S 25/50** (2018.04 - EP); **Y02E 10/47** (2013.01 - EP); **Y02E 10/50** (2013.01 - EP)

Citation (search report)

- [XA] US 6396239 B1 20020528 - BENN WILLIAM M [US], et al
- [X] DE 202006012495 U1 20061102 - LEICHTMETALLBAU SCHLETTER GMBH [DE]
- [X] DE 202006011393 U1 20061102 - PHOENIX SONNENSTROM AG [DE], et al
- [A] US 2003070704 A1 20030417 - HART STEPHEN P [US], et al
- See references of WO 2011031248A2

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2011031248 A2 20110317; WO 2011031248 A3 20120510; AU 2009352311 A1 20120315; AU 2009352311 B2 20130926; BR 112012004317 A2 20160315; CA 2771853 A1 20110317; EP 2471107 A2 20120704; EP 2471107 A4 20140618; JP 2013503277 A 20130131

DOCDB simple family (application)
US 2009004897 W 20090828; AU 2009352311 A 20090828; BR 112012004317 A 20090828; CA 2771853 A 20090828; EP 09849314 A 20090828; JP 2012526696 A 20090828