

Title (en)
INSTALLATION SYSTEM AND METHOD FOR FASTENING SOLAR MODULE FRAMES ONTO PRIMARY RAILS LOCATED THEREBELOW

Title (de)
MONTAGESYSTEM UND VERFAHREN ZUR BEFESTIGUNG VON SOLARMODULRAHMEN AUF DARUNTERLIEGENDE PRIMÄRSCHIENEN

Title (fr)
SYSTÈME DE MONTAGE ET PROCÉDÉ PERMETTANT DE FIXER DES CADRES DE MODULE SOLAIRE SUR DES RAILS PRIMAIRES POSÉS SOUS LESDITS CADRES

Publication
EP 2641032 A2 20130925 (DE)

Application
EP 11810547 A 20111118

Priority
• AT 19262010 A 20101119
• AT 2011050034 W 20111118

Abstract (en)
[origin: WO2012065206A2] The invention relates to an installation system (1) for fastening solar module frames onto primary rails (8 - 8'') located therebelow, wherein at least one T profile (15 - 15'') is formed on the upper side of a primary rail (8 - 8''), and wherein two opposite side parts of a solar module frame are formed by secondary rails(18, 18', 19, 19') having T grooves (20, 20', 21, 21') integrated on the lower side. It is essential in this case that, in the fitted state, the T profile (15 - 15'') of the corresponding primary rail (8 - 8'') extends with a clearance in a T groove (20, 20', 21, 21 ') and that spacers (22 - 22'', 23 - 23'') are placed between the T profiles (15 - 15'') and the T grooves such that the solar module frames are connected in a form-fitting manner without a clearance to the primary rails (8 - 8''). Furthermore, a method is provided for installing solar module frames onto primary rails (8 - 8'') located therebelow, the method comprising placing spacers (22 - 22'', 23 - 23'') between T profiles (15 - 15'') and T grooves extending with a clearance with respect to one another. This results in the provision of an installation system (1) or method for fastening solar module frames, which permits rapid, simple and secure installation of solar modules (2'', 2'') onto a substructure and which at the same time can be expanded arbitrarily and can be matched to the circumstances provided in situ in each case.

IPC 8 full level
F24J 2/52 (2006.01)

CPC (source: EP)
F24S 25/35 (2018.04); **F24S 25/37** (2018.04); **F24S 25/63** (2018.04); **F24S 25/65** (2018.04); **Y02B 10/20** (2013.01); **Y02E 10/47** (2013.01)

Citation (search report)
See references of WO 2012065206A2

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

DOCDB simple family (publication)
WO 2012065206 A2 20120524; WO 2012065206 A3 20120816; AT 511006 A1 20120815; AT 511006 B1 20121115; EP 2641032 A2 20130925

DOCDB simple family (application)
AT 2011050034 W 20111118; AT 19262010 A 20101119; EP 11810547 A 20111118