

Title (en)

METHOD FOR THE AUTOMATED MOUNTING OF MODULES ON RECEIVING DEVICES, IN PARTICULAR SOLAR MODULES ON STANDS, AND MOBILE MOUNTING DEVICES FOR SUCH MODULES

Title (de)

VERFAHREN ZUR AUTOMATISIERTEN MONTAGE VON MODULEN AN AUFNAHMEEINRICHTUNGEN, INSbesondere SOLARMODULEN AUF AUFSTÄNDERUNGEN SOWIE MOBILE MONTAGEEINRICHTUNGEN FÜR SOLCHE MODULE

Title (fr)

PROCÉDÉ DE MONTAGE AUTOMATISÉ DE MODULES SUR DES DISPOSITIFS DE RÉCEPTION, EN PARTICULIER DES MODULES SOLAIRES SUR DES SUPPORTS, AINSI QUE DISPOSITIFS DE MONTAGE MOBILES POUR DE TELS MODULES

Publication

EP 2576288 A1 20130410 (DE)

Application

EP 11725039 A 20110603

Priority

- DE 102010022571 A 20100602
- EP 2011059192 W 20110603

Abstract (en)

[origin: WO2011151440A1] The invention relates to a method and to a mobile mounting device (11) for the automated mounting of modules (16) on receiving devices (17), in particular of solar modules on stands, in which method a module (16) is gripped by a mounting tool (24), wherein, before transferring the module (16) to the mounting position (36), the handling device (21) is transferred to a measuring position (35) above the mounting position (36), the location of mounting points (37) in the mounting position (36) is determined, the module (16) is transferred to the mounting position (36) starting from the measuring position (35), and the assembly movement is carried out automatically.

IPC 8 full level

B60P 1/54 (2006.01); **B60P 3/14** (2006.01); **F24J 2/52** (2006.01)

CPC (source: EP US)

B60P 1/00 (2013.01 - US); **B60P 1/5433** (2013.01 - EP US); **B60P 3/14** (2013.01 - EP US); **F24S 25/00** (2018.04 - EP US);
F24S 25/00 (2018.04 - EP US); **Y02B 10/20** (2013.01 - EP US); **Y02E 10/47** (2013.01 - EP US); **Y10T 29/49826** (2015.01 - EP US)

Citation (search report)

See references of WO 2011151440A1

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 2011151440 A1 20111208; EP 2576288 A1 20130410; US 2013133172 A1 20130530

DOCDB simple family (application)

EP 2011059192 W 20110603; EP 11725039 A 20110603; US 201113701576 A 20110603