

Title (en)
JUNCTION BOX FOR A PHOTOVOLTAIC MODULE

Title (de)
ANSCHLUSSDOSE FÜR EIN PHOTOVOLTAIKMODUL

Title (fr)
BOÎTIER DE RACCORDEMENT POUR UN MODULE PHOTOVOLTAÏQUE

Publication
EP 3172834 A1 20170531 (DE)

Application
EP 15738635 A 20150716

Priority
• EP 14178576 A 20140725
• EP 2015066304 W 20150716

Abstract (en)
[origin: WO2016012344A1] A junction box housing (3) for a photovoltaic panel (4) comprises a first housing part (1) and a second housing part (2), wherein the first housing part (1) has a first contact surface (5) by means of which the first housing part (1) can be arranged directly or indirectly on a surface (7) of the photovoltaic panel (4), and wherein the second housing part (2) has a second contact surface (6) by means of which the second housing part (2) can be arranged directly or indirectly on the other surface (8) of the photovoltaic panel (4), and wherein the first contact surface (5) is spaced apart from the second contact surface (6) so that a slot (9) for receiving the photovoltaic panel (4) is provided by the first contact surface (5) and the second contact surface (6), characterized in that the two housing parts (1, 2) are connected to each other via at least one guide (10) and are designed to be displaceable relative to each other along an assembly movement (M) so that the thickness (D) of the slot (9) is adjustable.

IPC 8 full level
H02S 40/34 (2014.01)

CPC (source: CN EP US)
H01R 13/6395 (2013.01 - US); **H02G 3/081** (2013.01 - US); **H02S 40/34** (2014.12 - CN EP US); **H02S 40/345** (2014.12 - US); **Y02E 10/50** (2013.01 - EP)

Citation (search report)
See references of WO 2016012344A1

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)
WO 2016012344 A1 20160128; CN 106464206 A 20170222; CN 106464206 B 20190507; EP 3172834 A1 20170531; JP 2017524326 A 20170824; US 10056861 B2 20180821; US 2017237392 A1 20170817

DOCDB simple family (application)
EP 2015066304 W 20150716; CN 201580033137 A 20150716; EP 15738635 A 20150716; JP 2017502622 A 20150716; US 201515328793 A 20150716