

Title (en)

CONNECTING DEVICE FOR CONNECTING AN ELECTRICAL CONDUCTOR TO A SOLAR MODULE AND METHOD FOR THE PRODUCTION THEREOF, AND SOLAR MODULE WITH SUCH A CONNECTING DEVICE

Title (de)

VERBINDUNGSEINRICHTUNG ZUM VERBINDEN EINES ELEKTRISCHEN LEITERS MIT EINEM SOLARMODUL UND VERFAHREN ZU SEINER HERSTELLUNG UND SOLARMODUL MIT EINER SOLCHEN VERBINDUNGSEINRICHTUNG

Title (fr)

DISPOSITIF DE RACCORDEMENT PERMETTANT DE RACCORDER UN CONDUCTEUR ÉLECTRIQUE À UN MODULE SOLAIRE ET SON PROCÉDÉ DE PRODUCTION, MODULE SOLAIRE DOTÉ D'UN TEL DISPOSITIF DE RACCORDEMENT

Publication

EP 2329532 A2 20110608 (EN)

Application

EP 09781503 A 20090805

Priority

- EP 2009060134 W 20090805
- DE 102008039932 A 20080827

Abstract (en)

[origin: WO2010023071A2] A connecting device (1) for connecting at least one external electrical conductor (2) to an electrical connecting system (3, 104) of a photovoltaic solar module (100) comprises a connector housing (10) for arranging on the solar module, and an intermediate connecting arrangement (4) arranged in the connector housing and having a first contact region (5) for connection to the electrical conductor (2) and having a second contact region (6), connected to the first contact region, for connection to the connecting system (3) of the solar module (100). A first row (21) of contacts (20) arranged in the first contact region (5) connects to the electrical conductor (2) and is produced from a first metal component (40). A second row (31) of contacts (30) arranged in the second contact region (6) connects the connecting system (3) of the solar module (100) and is produced from a second metal component (50). The first and second rows (21, 31) of contacts (20, 30) are provided in a common housing (80) which surrounds the first and second rows of contacts, at least in part, and is mounted in the connector housing (10).

IPC 8 full level

H02S 40/34 (2014.01)

CPC (source: EP)

H02S 40/34 (2014.12); **Y02E 10/50** (2013.01)

Citation (search report)

See references of WO 2010023071A2

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

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008039932 A1 20100304; **DE 102008039932 B4 20170202**; EP 2329532 A2 20110608; WO 2010023071 A2 20100304; WO 2010023071 A3 20110120

DOCDB simple family (application)

DE 102008039932 A 20080827; EP 09781503 A 20090805; EP 2009060134 W 20090805