

Title (en)

CONTACT FOR A PHOTOVOLTAIC MODULE, AND METHOD FOR FORMING A CONTACT

Title (de)

KONTAKTIERUNG FÜR EIN PHOTOVOLTAIKMODUL UND EIN VERFAHREN ZUM AUSBILDEN EINER KONTAKTIERUNG

Title (fr)

MISE EN CONTACT POUR UN MODULE PHOTOVOLTAÏQUE ET PROCÉDÉ DE FORMATION D'UNE MISE EN CONTACT

Publication

EP 4298727 A1 20240103 (DE)

Application

EP 22712276 A 20220222

Priority

- DE 102021104559 A 20210225
- EP 2022054408 W 20220222

Abstract (en)

[origin: WO2022180040A1] A contact for a photovoltaic module comprises: a connection socket (100), a current collector (200) and a soldered connection (300). The connection socket (100) is attached to the photovoltaic module (10) and comprises a contacting face (110), the contacting face (110) having an opening (112) with a burr (114) and being designed to be connected to an external supply line for the photovoltaic module (10). The current collector (200) conducts an electric current from at least one solar cell (20) in the photovoltaic module (10) to the connection socket (100). The soldered connection (300) is formed between the current collector (200) and the contact face (110). The current collector (200) extends through the opening (112), and the burr (114) points away from the at least one solar cell and is accommodated at least in part by the soldered connection (300).

IPC 8 full level

H02S 40/34 (2014.01)

CPC (source: EP)

H02S 40/34 (2014.12)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102021104559 A1 20220825; DE 102021104559 B4 20221222; EP 4298727 A1 20240103; WO 2022180040 A1 20220901

DOCDB simple family (application)

DE 102021104559 A 20210225; EP 2022054408 W 20220222; EP 22712276 A 20220222