

Title (en)

ELECTRIC CONNECTION DEVICE FOR PHOTOVOLTAIC MODULES

Title (de)

ELEKTRISCHE ANSCHLUSSEINRICHTUNG FÜR PHOTOVOLTAISCHE MODULE

Title (fr)

DISPOSITIF DE CONNEXION ÉLECTRIQUE POUR MODULE PHOTOVOLTAÏQUE

Publication

**EP 2150989 A1 20100210 (DE)**

Application

**EP 08750321 A 20080516**

Priority

- EP 2008056018 W 20080516
- DE 102007023210 A 20070518

Abstract (en)

[origin: WO2008142016A1] The invention relates to an electric connection device for photovoltaic modules, comprising a can that can be closed with a cover, the can on at least one of the longitudinal narrow sides thereof comprising openings for inserting solar lines and in the bottom thereof comprising recesses for ribbon cables of the respective photovoltaic module, furthermore the ends of the solar lines inserted in the can each having a connector for ribbon cables, and comprising a fastening means for fixing the can on the module. According to the invention, a frame-like can base body is molded onto pre-assembled solar lines, wherein on at least one narrow side of the can base body that is free of insertion openings claw-like line attachments are configured. Furthermore, the top of the can base body has a peripheral edge with a recess. Detent lugs are integrally formed on the inside of the can base body, the lugs having a shape that complements detent eyelets in the cover. The can base body moreover has a passage disposed on the outside for a cover loop in order to hold it captively on the can base body.

IPC 8 full level

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