

Title (en)

METHOD FOR INSULATING THE EDGES OF A HETEROJUNCTION PHOTOVOLTAIC CELL

Title (de)

VERFAHREN ZUR ISOLIERUNG DER KANTEN EINER FOTOVOLTAISCHEN ZELLE MIT HETEROÜBERGANG

Title (fr)

PROCEDE D'ISOLATION DES BORDS D'UNE CELLULE PHOTOVOLTAIQUE A HETEROJONCTION

Publication

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Application

EP 16735926 A 20160621

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Abstract (en)

[origin: WO2016207539A1] The invention relates to a method for electrically insulating the edges (E) of a heterojunction photovoltaic cell. The cell comprises a semiconductor layer stack (110) formed of a first conductive layer (104) arranged on the front surface and the side surfaces of the stack, and a second conductive layer (105) arranged on the rear surface and the side surfaces of the stack. The first and second layers are in electrical contact on the side surfaces. A step of mechanically abrading the edges is carried out so as to eliminate contact between the first and second layer on the side surfaces. Each abraded surface forms an acute angle with the front surface of the cell.

IPC 8 full level

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