

Title (en)
PHOTOVOLTAIC CELL AND MANUFACTURING PROCESS

Title (de)
PHOTOVOLTAISCHE ZELLE UND HERSTELLUNGSVERFAHREN

Title (fr)
CELLULE PHOTOVOLTAÏQUE ET PROCÉDÉ DE RÉALISATION

Publication
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Application
EP 13704145 A 20130103

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Abstract (en)
[origin: WO2013102725A2] The invention relates to a photovoltaic cell comprising a semiconductor substrate (1) of a first conductivity type equipped with a main side, a first layer (2) made of an amorphous semiconductor of the first conductivity type making contact with the main side of the substrate (1), a first electrical contact (3) formed on the first amorphous layer (2), a second layer (4) made of an amorphous semiconductor of a second conductivity type making contact with the main side of the substrate (1), a second electrical contact (5) formed on the second amorphous layer (4), and an electrically insulating layer (6), the cell being characterised in that the electrically insulating layer (6) is formed fully on the first amorphous layer (2), and in that the first and second contacts (3, 5) extend over the electrically insulating layer (6).

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