

Title (en)

METHOD FOR MANUFACTURING A PHOTOVOLTAIC MODULE WITH TWO ETCHING STEPS P1 AND P3 AND CORRESPONDING PHOTOVOLTAIC MODULE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES PV-MODULS MIT ZWEI ÄTZSCHRITTEN P1 UND P3 SOWIE ENTSPRECHENDES PV-MODUL

Title (fr)

PROCEDE POUR REALISER UN MODULE PHOTOVOLTAÏQUE AVEC DEUX ETAPES DE GRAVURE P1 ET P3 ET MODULE PHOTOVOLTAÏQUE CORRESPONDANT

Publication

**EP 2803088 A1 20141119 (FR)**

Application

**EP 13704491 A 20130109**

Priority

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Abstract (en)

[origin: WO2013105024A1] The invention relates to a method for manufacturing a photovoltaic module comprising plurality of solar cells in a thin-layer structure, in which the following are formed consecutively in the structure: an electrode on the rear surface (41), a photovoltaic layer (43) obtained by depositing components including metal precursors and at least one element taken from Se and S and by annealing such as to convert said components into a semiconductor material, and another semiconductor layer (44) in order to create a pn junction with the photovoltaic layer (43); characterised in that the metal precursors form, on the electrode on the rear surface (41), a continuous layer, while said at least one element forms a layer having at least one break making it possible, at the end of the annealing step, to leave an area (430) of the layer of metal precursors in the metal state at said break.

IPC 8 full level

**H01L 27/142** (2014.01)

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Citation (search report)

See references of WO 2013105024A1

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US 2010000589 A1 20100107 - KISS ZOLTAN JOSEPH [US]

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