

Title (en)

SOLAR MODULE WITH REDUCED POWER LOSS AND PROCESS FOR THE PRODUCTION THEREOF

Title (de)

SOLARMODUL MIT VERRINGERTEM LEISTUNGSVERLUST UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

MODULE SOLAIRE AVEC PERTE DE PUISSANCE RÉDUITE ET PROCÉDÉ DE FABRICATION DUDIT MODULE SOLAIRE

Publication

**EP 2742533 A2 20140618 (DE)**

Application

**EP 12750550 A 20120801**

Priority

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Abstract (en)

[origin: WO2013020864A2] The invention relates to a solar module having a laminated composite of two substrates bonded to one another by at least one bonding layer, between which substrates there are solar cells which are connected in series and which each have an absorber zone made of a semiconducting material between a front electrode arranged on a light entrance side of the absorber zone and a rear electrode, wherein a diffusion barrier differing from the front electrode is located between each absorber zone and the bonding layer and is designed to inhibit the diffusion of water molecules from the bonding layer (10) into the absorber zone and/or the diffusion of dopant ions from the absorber zone into the bonding layer. Furthermore, the invention relates to a process for producing such a solar module.

IPC 8 full level

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CPC (source: CN EP US)

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