

Title (en)
THIN FILM SOLAR CELL AND PROCESS FOR PRODUCING THE SAME

Title (de)
DÜNNSCHICHT-SOLARZELLE UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)
CELLULE SOLAIRE A COUCHE MINCE ET SON PROCEDE DE FABRICATION

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Application
EP 95920751 A 19950527

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Abstract (en)
[origin: WO9533284A1] A thin film solar cell based on amorphous, hydrogenated silicon and/or its alloys is disclosed, as well as a process for producing such solar cells. The solar cell is made of a series of layers that comprise a non-doped layer, a buffer layer adjacent and joined to the non-doped layer at the light input side, a p-doped layer adjacent and joined to the latter at the light input side, and a n-doped layer adjacent and joined to the other side of the non-doped layer. The object of the invention is to create a solar cell with increased long-term stabilised effectiveness. For that purpose, a compensation layer is provided in the solar cell between the p-layer and the buffer layer.

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Cited by
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