

Title (en)
MULTILAYER SOLAR ELEMENT

Title (de)
MEHRSCHICHTIGES SOLARELEMENT

Title (fr)
ÉLÉMENT SOLAIRE MULTICOUCHE

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Abstract (en)
[origin: WO2009071627A2] The invention relates to a multilayer solar element (S), which comprises a first layer (1) made of a photovoltaic thin-film laminate, which is coated on its bottom side with at least one second layer (2, 2') made of a polymer-modified bitumen. In a preferred embodiment, it is proposed that a polyester barrier foam (F) be disposed on the bottom side of the first layer (1) between the first and second layers (1, 2, 2'), the barrier film being bonded to the first layer (1) using an adhesive (K). Furthermore, the coating of the photovoltaic thin-film laminate employing polymer-modified bitumen for the at least one second layer (2, 2'), in particular based on SBS, SIS, or APP, is taught, wherein the necessary steps for producing said multilayer solar elements (S) are also disclosed and an associated device is described.

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