Title (en)

SOLAR MODULE AND METHOD FOR ITS MANUFACTURE

Title (de)

SOLARMODUL UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

MODULE SOLAIRE ET PROCÉDÉ DE FABRICATION ASSOCIÉ

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Application

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Abstract (en)

[origin: WO2009112216A1] A method is described for manufacturing a solar module which contains solar cells in an interior space which is enclosed by a first and a second glass panel and a spacer element, wherein a strand (2) of a first sealing material is applied around the first glass panel (1) in order to form the spacer element, which strand (2) has, at one location, a cutout (3), the cutout (3) is at least partially filled with a second electrically insulating sealing material (4), at least one electrical conductor (5) is applied, as a connection for solar cells of the solar module, to the second sealing material (4), the conductor (5) is covered with a third electrically insulating sealing material (6) in such a way that in the region of the cutout it is surrounded by the second and third sealing materials (4, 6) in an all-round electrically insulating fashion, and a second glass panel is fitted onto the first glass panel (1), with the result that the solar cells connected to the conductor (5) are enclosed in an interior space which is surrounded by the two glass panels and the strand (2). The invention also relates to a corresponding solar module.

IPC 8 full level

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