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(54) Title: APPLICATION OF FLUORINE DOPED TIN (IV) OXIDE SNO_2:F FOR MAKING A HEATING LAYER ON A PHOTOVOLTAIC PANEL, AND THE PHOTOVOLTAIC PANEL

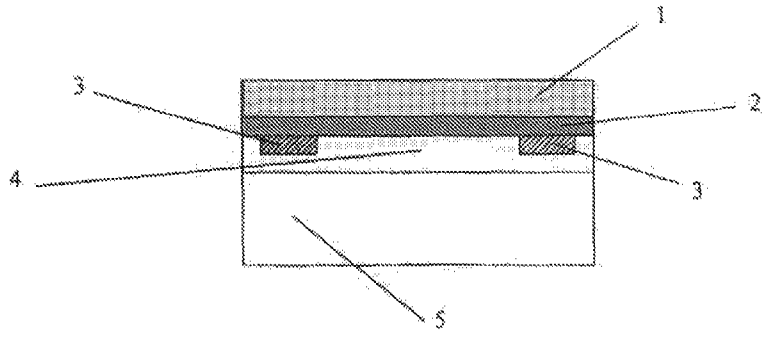


Fig. 1

(57) Abstract: The invention consists in application of fluorine doped tin (IV) oxide SnO_2:F (FTO) for making a heating layer on a photovoltaic panel. The invention consists also in a photovoltaic panel characterized in that its front part (1) is covered with a conductive layer (2) of fluorine doped tin (IV) oxide SnO_2:F, with the electrodes (3) deposited thereon. The conductive layer (2) becomes a heating layer when connected to the source of electric current. In preferred embodiment a transarent polymer film (4) is applied thereon, inseparably and permanently bound with the conductive layer (2) of fluorine doped tin (IV) oxide SnO_2:F and the photovoltaic cell (5).

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