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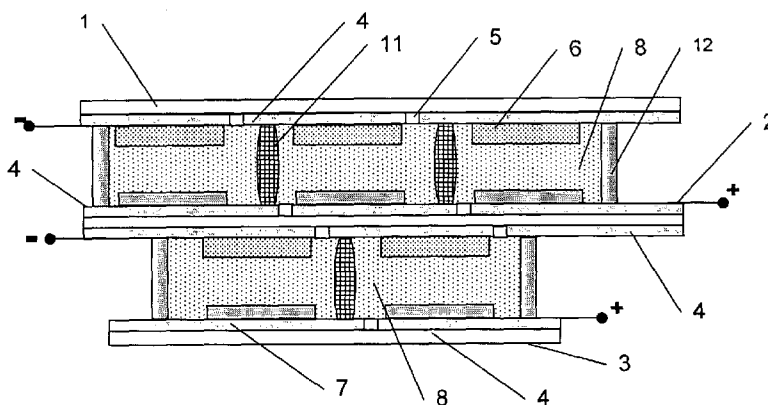
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(54) Title: PHOTOVOLTAIC MODULE WITH FULL UTILIZATION OF SURFACE AREA



(57) Abstract: A photovoltaic module comprising: (i) Three or more substrates (1, 2, 3) arranged in a closed-spaced parallel relationship to one another, the substrates comprising: a centre substrate (2) having first and second faces; a first outer substrate (1) having an inner and outer face, wherein the inner face and the first face of said centre substrate are juxtaposed; and a second outer substrate (3) having an inner and outer face, wherein said inner face and the second face of said center substrate are juxtaposed, (ii) Front photovoltaic devices (A, B, C) are formed between said first outer substrate (1) and the first face of said centre substrate (2), (iii) connecting and/or dividing means (11) are placed between at least one pair of the front devices, and (iv) Rear photovoltaic devices (D, E) are formed between said second outer substrate (3) and the second face of said centre substrate (2), Characterised by: (v) said front and rear photovoltaic devices are offset in such a way that connecting and dividing means (11) of the front devices (A, B, C) oppose the active photovoltaic regions of the rear devices (D, E).

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