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(54) Title: PHOTOVOLTAIC DEVICE WITH CONTAINER COMPRISING VOLUME COMPENSATION

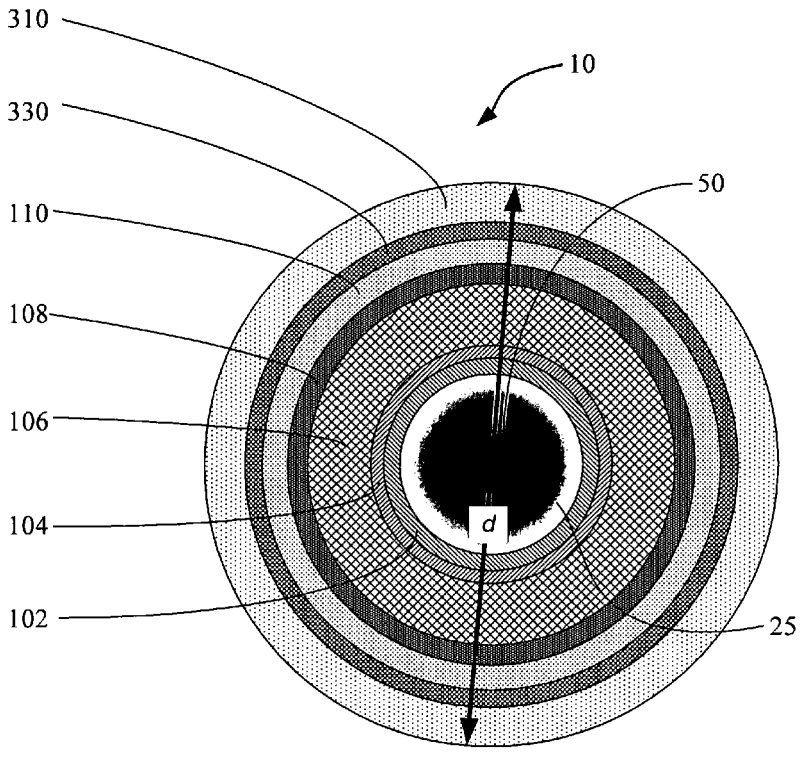


Fig. 2

(57) Abstract: A photovoltaic device having (i) an outer transparent casing, (ii) a substrate, the substrate and the outer transparent casing defining an inner volume, (iii) at least one solar cell on the substrate, (iv) a filler layer sealing the at least one solar cell and (v) a container within the inner volume is provided. The container decreases in volume when the filler layer expands, and increases in volume when the filler layer contracts. In some instances, the container is sealed and has a plurality of ridges. In some instances, the container has an opening that is sealed by a spring loaded seal. In some instances, the container has a first opening and a second opening, where the first opening is sealed by a first spring loaded seal and the second opening is sealed by a second spring loaded seal. In some instances, the container has an elongated asteroid shape.

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