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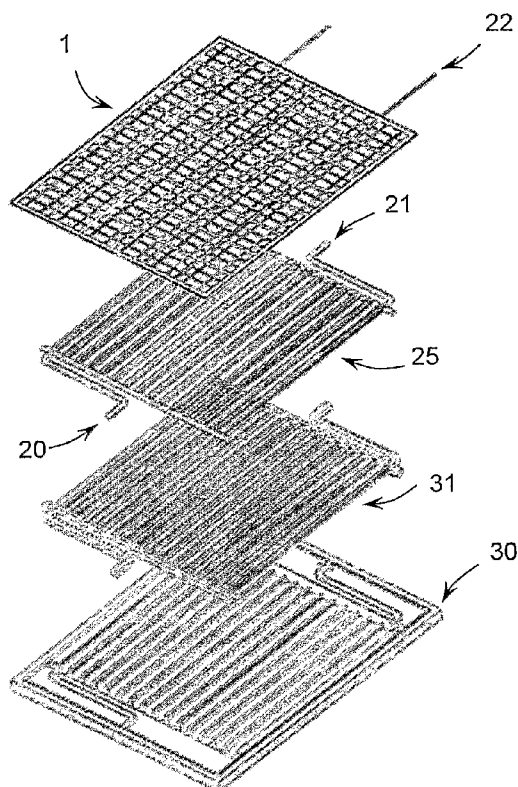
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(54) Title: INTEGRATED PHOTOVOLTAIC SOLAR THERMAL PANEL



(57) Abstract: The integrated photovoltaic solar thermal panel converts solar radiation to electricity and thermal collection within a single unit. This results in high conversion efficiency as both electricity and heat are produced. The overall energy conversion cost is low due to lower production and installation cost. The integrated photovoltaic solar thermal panel can be used individually or as an array consisting of multiple units to increase the overall energy generation. The present invention also solves the problems of high temperature associated with photovoltaic panel and the thermal insulation for solar thermal system.



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