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(57) Abstract :

An aspect of the present disclosure provides a solar heating apparatus. The apparatus includes: a housing having at least one open side, at least one inlet for receiving fluid and at least one outlet; a heating unit comprising a plurality of hollow heat absorbing members aligned between the at least one inlet and the at least one outlet to fluidically couple the at least one inlet with the at least one outlet; and at least one pair of exterior reflecting glasses fitted on opposite edges of the at least one open side such that the pair of reflecting glasses are fitted opposite to each other, wherein the pair of reflecting glasses are inclined at a first predefined or preconfigured angle to reflect solar rays towards the heat absorbing unit to facilitate heating of the received fluid flowing through the plurality of heat absorbing members using solar energy, wherein the at least one outlet is configured to discharge the heated fluid. FIG. 1

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