

(54) Title of the invention : DESIGN OF SOLAR THERMAL BASED CELLS TO CIRCULATE THE FLUID IN THE TUBES AND HEAT UP THE WATER FOR DOMESTIC UTILISATION SUCH AS COOKING FOR LARGER POPULATION

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(57) Abstract :
 Design of solar thermal based cells to circulate the fluid in the tubes and heat up the water for domestic utilisation such as cooking for larger population is the proposed invention. The invention aims at utilizing the solar energy that is captured using solar thermal cells. The solar energy is converted to heat energy and the fluid that is circulated through pipes are boiled. The boiling water is used for domestic purposes such as cooking. The proposed focuses on reducing the dependence on Non-renewable energy resources such as LPG.

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