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[Continued on next page]

(54) Title: A SOLAR ENERGY SYSTEM

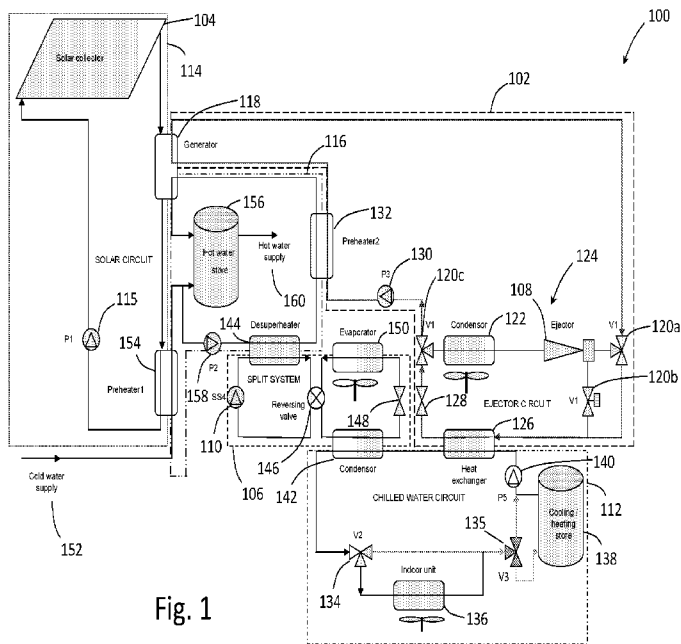


Fig. 1

(57) Abstract: The present disclosure provides a solar energy system that comprises a solar collector for providing energy generated from incident solar radiation. The solar energy system also comprises a first heat exchange system that has an ejector that is arranged to operate using at least a portion of the energy provided by the solar energy collector. Further, the solar energy system comprises a second heat exchange system arranged to operate using energy from an energy source other than a solar energy source. The solar energy system is arranged for transfer of thermal energy between the first heat exchange system and a region, and between the second heat exchange system and the region. The solar energy system is arranged to control a relative contribution of the first and second heat exchange systems to the transfer of the thermal energy.

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