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(54) Title: APPARATUS FOR CONDITIONING THE TEMPERATURE OF A FLUID

(57) Abstract: This invention relates to an apparatus for conditioning the temperature of a fluid by utilizing a thermoplastic heat exchange apparatus comprised of a plurality of hollow tubes. The apparatus controls the temperature of a process fluid inside the heat exchanger by adjustment of a control valve that regulates the flow of an exchange fluid. The apparatus can be used to maintain the temperature of chemical baths and also to prepare discreet dispensed volumes of temperature controlled liquid. The device is chemically inert and has the ability to operate at elevated temperatures and also with corrosive and oxidizing liquids.



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