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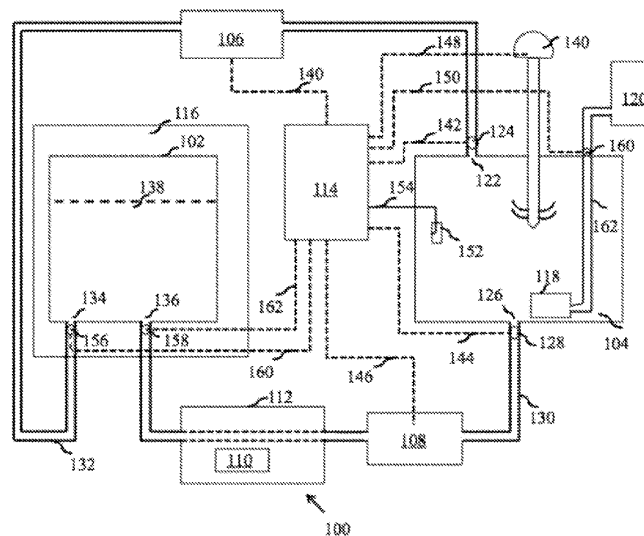


FIG. 1

(57) Abstract: The invention relates to a method and apparatus of tempering an organic product in an enclosed structure using a liquid maintained at a predefined temperature. The method includes, introducing the organic product through an access means of the enclosed structure into the liquid, circulating the liquid from the enclosed structure through a heating unit and back into the enclosed structure to increase a temperature of the liquid up to a predefined temperature, and supplying carbon dioxide gas into the enclosed structure for a predefined time period based on a temperature of the liquid in the enclosed structure. The organic product is removed through the access means of the enclosed structure when a core temperature of the organic product reaches the predefined temperature. The circulation of the liquid and the supply of carbon dioxide gas is ceased during the removing of the organic product.

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