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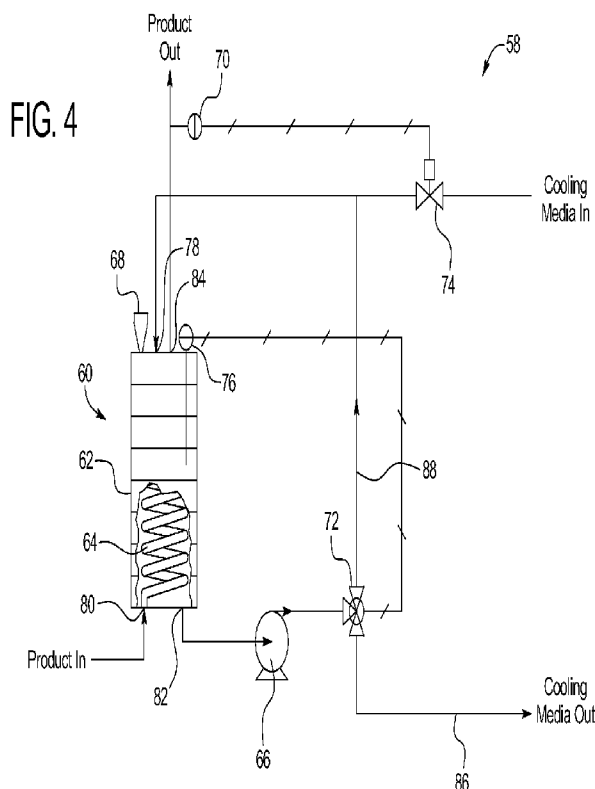
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(54) Title: SYSTEMS AND METHODS FOR HEAT EXCHANGE



(57) Abstract: Heat exchange devices, including aseptic cooler devices, and systems including same are provided. Methods of using heat exchange device are also provided. In a general embodiment, the present disclosure provides heat exchangers having an open chamber configuration and including a first section containing a cooling or heating media and a second section containing a food product. The first section includes a level detecting device that is configured to maintain a level of cooling or heating media in the first section, while preventing the cooling or heating media from pressurizing the first section. The open chamber configuration provides an air break at a top portion of the first section that ensures that the cooling or heating media entering the first section is at, or close to, atmospheric pressure.



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