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(54) Title: METHOD AND SYSTEM OF CONTROLLING A TEMPERATURE WITHIN A MELT TRAY ASSEMBLY OF A DISTILLATION TOWER

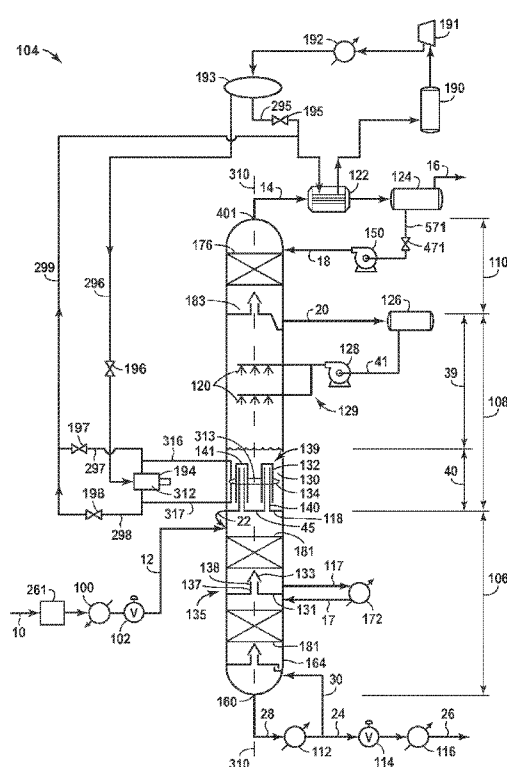


FIG. 1

(57) Abstract: A method and system of controlling a temperature within a melt tray assembly of a distillation tower. The method may include determining a melt tray fluid composition of a melt tray fluid, determining a melt tray fluid temperature of the melt tray fluid, determining if the melt tray fluid temperature is within an expected melt tray fluid temperature range for the melt tray fluid composition, decreasing the melt tray fluid temperature if the melt tray fluid temperature is greater than an expected melt tray fluid temperature range upper limit, increasing the melt tray fluid temperature if the melt tray fluid temperature is less than an expected melt tray fluid temperature range lower limit, and maintaining the melt tray fluid temperature if the melt tray fluid temperature is within the expected melt tray fluid temperature range.



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