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(54) Title: A METHOD FOR REDUCING ENERGY CONSUMPTION BY THERMAL COUPLING

(57) Abstract: The claimed invention relates to a method for reducing energy consumption in a distillation process by using thermal coupling. Embodiments of the claimed invention are directed to the inclusion of a side reboiler and a partial condenser in the prefractionation section of a first column, which in turn helps to uniformly distribute the vapor liquid traffic between a first column and a second column.

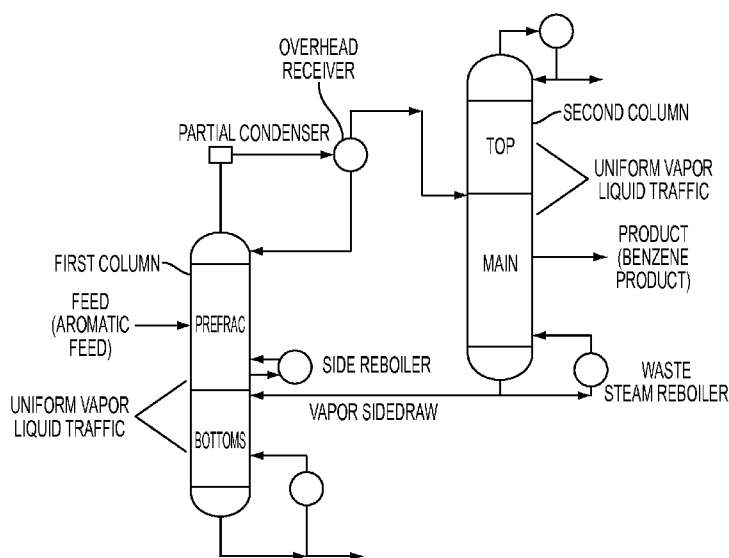


FIG. 2



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