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(54) **SYSTEMS COMPRISING A PRESSURE EXCHANGER, ASSOCIATED METHODS, AND ASSOCIATED NON-TRANSITORY MACHINE-READABLE STORAGE MEDIUM**

(57) A method is provided. The method comprises: obtaining, by a processing device, a first indication of a speed of operation of a pressure exchanger, (PX), of a heat transfer system; determining, based on the first indication of the speed of operation of the PX, a target speed of operation of a low-pressure booster, wherein an outlet of the low-pressure booster is coupled to provide fluid to a low-pressure inlet of the PX; and causing, based on the target speed of operation of the low-pressure booster, an adjustment to a speed of operation of the low-pressure booster.

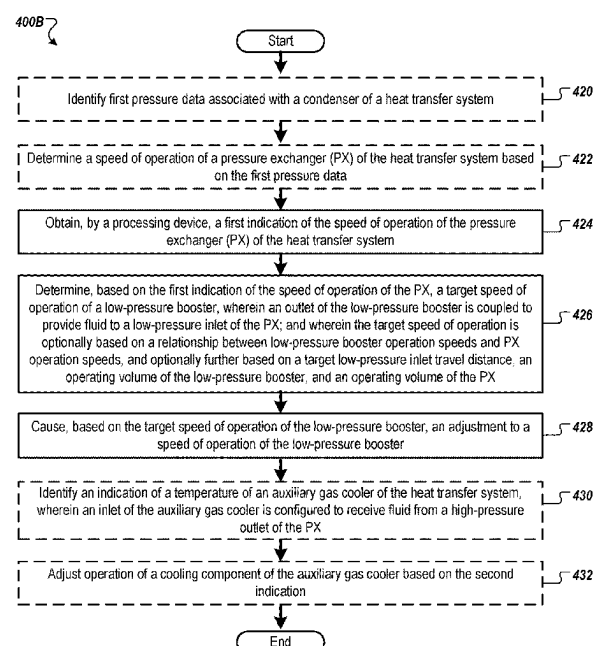


FIG. 4B

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F25B 2700/21163



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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
Munich		22 May 2026	Lepers, Joachim
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