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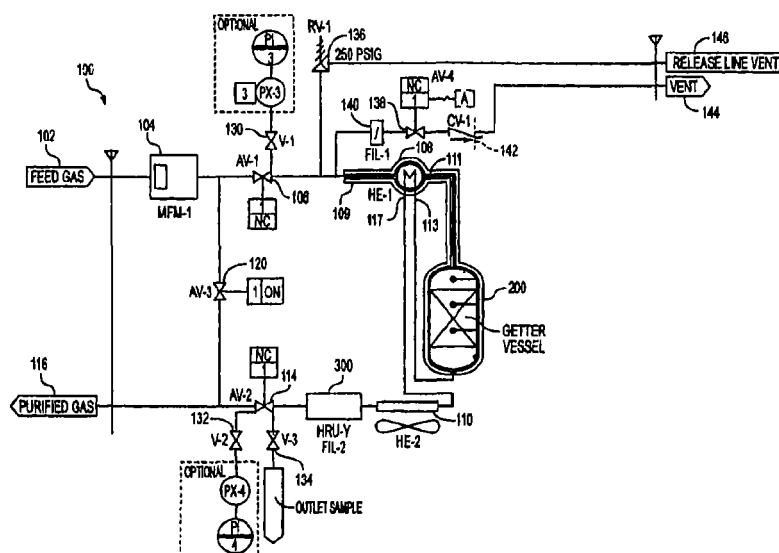
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(54) Title: GAS PURIFICATION SYSTEM WITH AN INTEGRATED HYDROGEN SORPTION AND FILTER ASSEMBLY



(57) Abstract: A gas purification system (100) having improved efficiency, simpler construction, cost reductions, form factor improvements, and increased durability uses a regenerative heat exchanger (108) to recapture a portion of the heat energy transferred to a gas during its purification process. An integrated heater and purification vessel assembly (300) is capable of operating at higher temperatures, which eases manufacture and maintenance, is simpler through utilizing fewer components, smaller by utilizing fewer and integrated components, and has reduced cost and labor to manufacture.

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