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(54) **Title:** REFRIGERATION STORAGE IN A REFRIGERANT VAPOR COMPRESSION SYSTEM

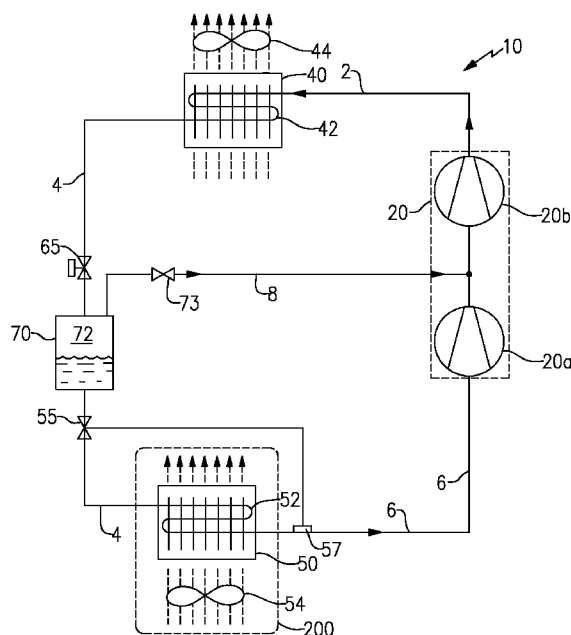


FIG.1

(57) **Abstract:** A refrigerant vapor compression system includes a plurality of components, including a flash tank, connected in a refrigerant flow circuit by a plurality of refrigerant lines. The system internal volume equals to the sum of the internal volumes of the plurality of components and the internal volume of the plurality of refrigerant lines. The internal volume of the flash tank ranges from at least 10% to about 30% of the total system internal volume.



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