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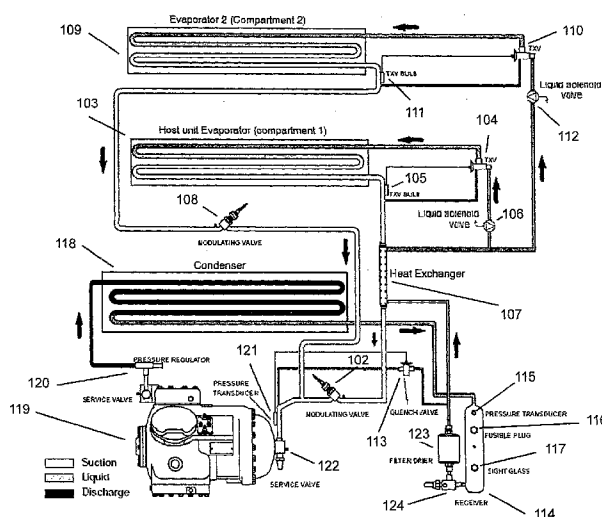
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(54) Title: METHOD FOR CONTROLLING TEMPERATURE IN MULTIPLE COMPARTMENTS FOR REFRIGERATED TRANSPORT



(57) Abstract: A refrigerated transport system includes a prioritizing algorithm to limit the maximum amount of refrigerant flow available to at least one limited cooling compartment by holding a delta T (difference between the supply air temperature and return air temperature) instead of a setpoint temperature in the at least one limited cooling compartment when the available cooling capacity is insufficient to hold a substantially constant temperature in all compartments. A method for creating multiple refrigerated compartment spaces having precision temperature control includes the steps of: prioritizing the compartments by identifying at least one priority compartment to be held at a setpoint temperature; and limiting refrigerant flow to all but the priority compartment when there is insufficient cooling capacity to maintain all compartments at their respective setpoint temperatures.

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