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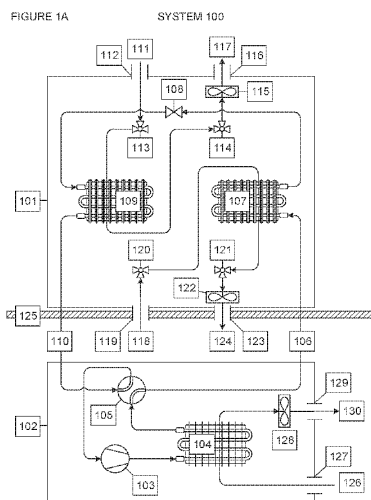
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(54) Title: AIR CONDITIONING SYSTEM AND CONTROL METHOD

(57) Abstract: A cooling and dehumidification system including at least one passive heat transfer device with desiccant coated on some extent of the exposed surface, another passive heat transfer device without desiccant coating, a compressor through which refrigerant flows, an expansion device, a refrigerant control valve, and valves to direct airflow in relation to the passive heat transfer devices.



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