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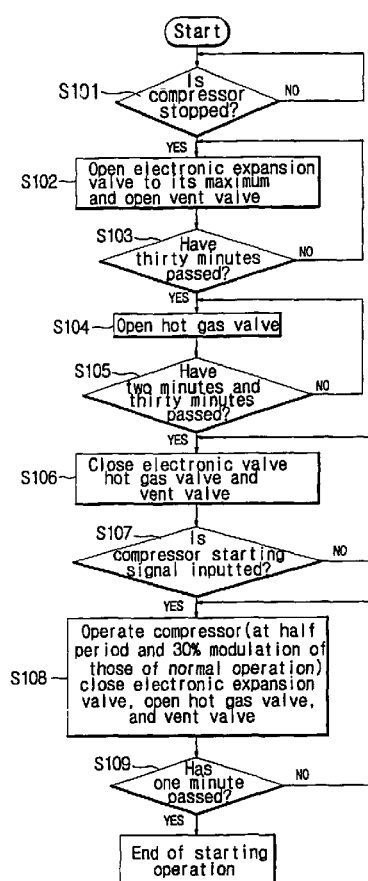
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(54) Title: SYSTEM FOR CONTROLLING STARTING OF AIR CONDITIONER AND CONTROL METHOD THEREOF



(57) Abstract: A system for controlling the starting of an air conditioner includes a compressor controlled in a pulse width modulation according to a duty cycle control signal, an electronic expansion valve for expanding refrigerant compressed in the compressor, a high pressure conduit connecting the exit side of the compressor and the inlet side of the electronic expansion valve, a low pressure conduit connecting the exit side of the electronic expansion valve and the inlet side of the compressor, a bypass conduit connected at its first end to the high pressure conduit and at its second end to the low pressure conduit, and a flow rate regulating valve mounted on the bypass conduit for regulating a flow rate of fluid flowing through the bypass conduit. A control unit controls the compressor during the starting of the compressor in such a way that the electronic expansion valve is open, the flow rate regulating valve is open and a duty control signal shorter than a duty control signal during a normal operation is generated.



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