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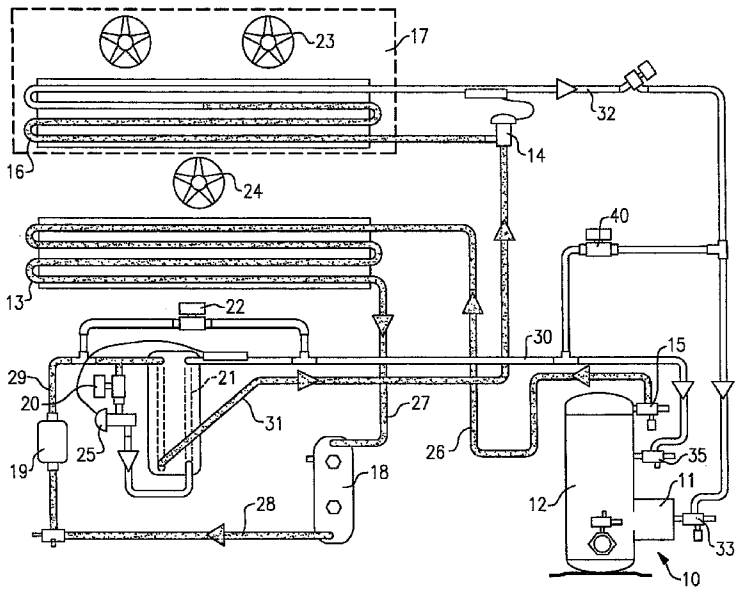
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(54) Title: COMPRESSOR POWER CONTROL



(57) Abstract: Cooling is provided to the power electronics of a compressor speed control system by way of refrigerant that is routed from a refrigeration system, through the power electronics, and then back to the refrigeration system. The amount of refrigerant flowing to the power electronics is automatically regulated to that needed to cool the electronics since both are substantially proportional to compressor speed. The housing for the power electronics is mounted directly to the side of the compressor, and the compressor is resiliently mounted to a support to thereby provide shock protection to the power electronics.

WO 2007/145627 A1