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(54) **Sealed compressor with temperature feedback to motor protector unit**

(57) An improved motor protection switch incorporates a parallel feedback component mounted in parallel to a heater in a motor protection circuit. The parallel feedback component senses the temperature of a compressor component. If the temperature increases then the current flow through the heater increases. This causes a motor protector switch to open. In this way, the feedback component provides feedback from the compressor pump unit to the motor protection circuit more quickly than in the prior art.

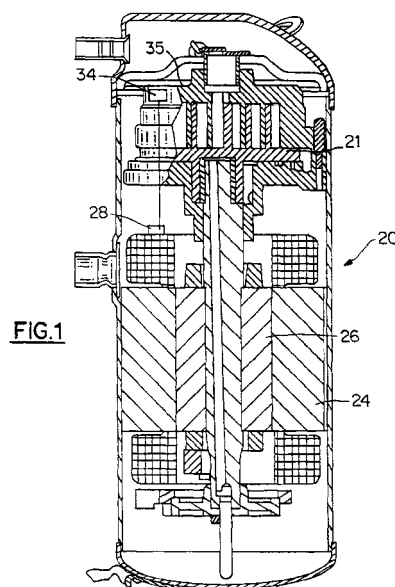


FIG.1