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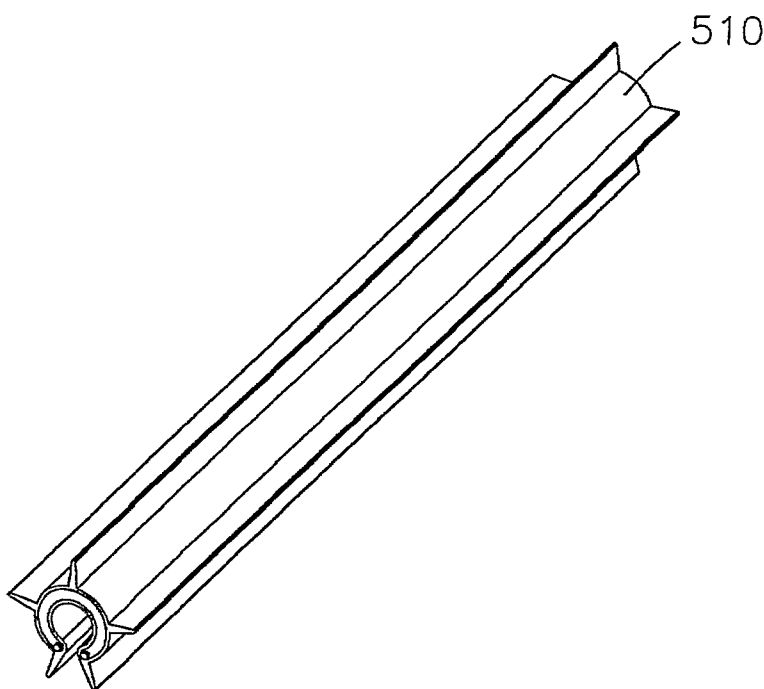
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(54) Title: MODULAR HEATER SYSTEMS



(57) Abstract: A modular heat trace assembly for heating a conduit is provided that comprises at least one preformed heat trace section defining an elongated body having a channel and a pair of locking edges for securing the heat trace section to the conduit. A connector is secured to the heat trace section for coupling adjacent heat trace sections, and the heat trace section and the connector have mating mechanical features to allow the heat trace sections to be quickly connected to and disconnected from the conduit. In one form, the heat trace section defines a plurality of insulation stand-offs preferably in the form of fins. A connector assembly is also provided with a shell and a fitting heater assembly disposed within the shell, along with heat trace junctions and thermal insulation jackets for the modular heat trace assembly.