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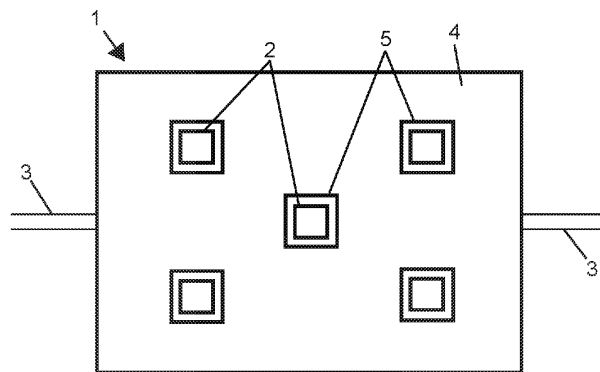


Figure 1

(57) Abstract: The present invention provides a temperature regulation device for controlling the temperature of pipework. The device comprises a plurality of electrically connected positive temperature coefficient heating elements arranged in thermal contact with a substrate layer. The substrate layer has a thermal conductivity greater than about $150 \text{ Wm}^{-1}\text{K}^{-1}$ and being configured to thermally contact at least a portion of the pipework when in use. The device further comprises an electrical connector for connecting the positive temperature coefficient heating elements to a power source when in use.

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