

ABSTRACT:

In an electric thermal appliance, for example a pressing iron, the temperature of a hot surface (10) is sensed by a remotely mounted radiation sensor (12), for example a thermopile, through a wave guide (18) which guides thermal radiation from the hot surface (10) to the radiation sensor (12). Optionally, the radiation sensor (12) may directly look to an object
5 heated by the hot surface (10), for example a cloth heated by the hot surface (10). The remote sensing of the temperature of the hot surface (10) provides an accurate temperature control without overshoot.

(Figure 2)

This Sheet Has Been Replaced

