

ABSTRACT

IRON COMPRISING A HUMIDITY DETECTOR

An iron comprises a heating element (97) and heating-control means (96) for the heating element. It has a humidity detector (60) which measures the degree of humidity of the fabric and which influences the electric power dissipated in the heating element. In order to measure the degree of humidity a circuit (99) measures the resistivity of the fabric between two contact electrodes (62a, 62b) and subsequently averages the electric signal resulting from the movement of the iron on the fabric. A circuit (89) may be added which measures the rhythm of the variations of said electric signal and which thus detects whether the iron is in use or not in use.

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Reference: Figure 2

Field of use: Flat-iron

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