

ABSTRACT

ELECTRIC IRON

5 The invention relates to an electric iron which
comprises a soleplate (1) heated by a heating element
(3) and a control device (4) for controlling said
heating element (3). Said control device comprises a
temperature sensor (5) that is thermally linked with
10 the soleplate (1) at a point of contact (6). In order
to improve the thermal coupling of the point of contact
to the heating element, the soleplate (1) is provided
with a gap (2) that is locally defined in the area of
the point of contact (6) and a pertaining heating
15 element section (14) and that at least reduces heat
conduction of the flow of heat emitted by the heating
element (3) in a direction away from the point of
contact (6). The heat on the soleplate (1) can thus be
better controlled even if the point of contact (6) is
20 located either directly on or at least very close to
the heating element (3).

Figure 1