

Title (en)  
Iron with humidity sensor

Title (de)  
Bügeleisen mit Feuchtigkeitsfühler

Title (fr)  
Fer à repasser muni d'un détecteur d'humidité

Publication  
**EP 0523795 B1 19970108 (FR)**

Application  
**EP 92202106 A 19920710**

Priority  
FR 9109132 A 19910719

Abstract (en)  
[origin: EP0523795A1] Iron comprising a heating element (97) and means (96) for controlling the heating of the heating element. It is fitted with a moisture sensor (60) which measures the degree of moisture of the fabric and which acts on the electrical power dissipated in the heating element. In order to measure the degree of moisture, a circuit (99) measures the resistivity of the fabric between two contact terminals (62a, 62b) and subsequently calculates an average of the electric signal originating from the motion of the iron over the fabric. A circuit (89) may be added which measures the rhythm of variations of the said electric signal and which thus detects when the iron is being used or when it is at rest. Applications: iron. <IMAGE>

IPC 1-7  
**D06F 75/26**

IPC 8 full level  
**D06F 75/26** (2006.01); **G01N 27/04** (2006.01); **G01R 27/02** (2006.01); **H05B 3/00** (2006.01)

CPC (source: EP US)  
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