

Title (en)  
IRON WITH AN ELECTRIC HEATED SOLEPLATE

Publication  
**EP 0428926 A3 19910703 (DE)**

Application  
**EP 90121065 A 19901102**

Priority  
DE 3937766 A 19891114

Abstract (en)  
[origin: EP0428926A2] The iron comprises an electrically heated soleplate (3), the desired temperature of which is controlled by a thermostat (5) by the said thermostat periodically interrupting and restoring the power supply. The thermostat (5) can be set by means of an adjusting element (19). The iron is provided with a first and a second indicating element (23, 25), with in each case two indicating states (activated/non-activated). The indicating elements (23, 25) provide information on the actual temperature reached with respect to the desired temperature set. After turning the adjusting element (19), according to the invention the indicating state of the indicating elements (23, 25) is obtained from the turning direction of the adjusting element (19), from the operating state of the thermostat (5) before and after adjustment of the adjusting element (19) and from the old indicating state of the indicating elements (23, 25) before turning the adjusting element (19). As a result, an otherwise complex thermocouple, required in addition to the conventional thermostat (5), is not needed. <IMAGE>

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

IPC 8 full level  
**D06F 75/26** (2006.01)

CPC (source: EP)  
**D06F 75/26** (2013.01)

Citation (search report)  
• [A] US 4692589 A 19870908 - BORSARI ALLEN S [US], et al  
• [A] US 4580038 A 19860401 - O'LOUGHLIN THOMAS M [US]  
• [AD] EP 0024613 A1 19810311 - ROWENTA WERKE GMBH [DE]

Cited by  
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Designated contracting state (EPC)  
AT CH DE ES FR GB LI

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**EP 0428926 A2 19910529; EP 0428926 A3 19910703; EP 0428926 B1 19951227**; AT E132216 T1 19960115; DE 3937766 A1 19910516; DE 3937766 C2 19920109; DE 59010011 D1 19960208; ES 2080777 T3 19960216

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