

Title (en)
ELECTRIC IRON WITH AN AUTOMATIC SAFETY DEVICE

Publication
EP 0227150 B1 19901010 (FR)

Application
EP 86202125 A 19861128

Priority
FR 8518102 A 19851206

Abstract (en)
[origin: US4803342A] An electric flat-iron safety device includes a magnet pivotally supported in a flat-iron and arranged to actuate a first magnetically operated switch only when the flat-iron is in a horizontal ironing position and to actuate a second magnetically operated switch only when the flat-iron is tilted to a vertical rest position. Should the flat-iron remain motionless in the horizontal ironing position for a first predetermined time interval shorter than the time necessary for the flat-iron to reach its normal operating temperature, closure of the first switch by the magnet causes a resettable dual interval timing circuit to interrupt the power supply to the flat-iron. If the flat-iron remains motionless in the vertical tilted rest position for a second predetermined time for a interval longer than the time necessary for the flat-iron to reach its normal operating temperature, closure of the second switch by the magnet causes the dual interval timing circuit to interrupt the power supply. The dual interval timing the first or second switch opens in response to pivotal movement of the magnet prior to expiration of the first or second time interval.

IPC 1-7
D06F 75/26

IPC 8 full level
D06F 75/26 (2006.01)

CPC (source: EP KR US)
D06F 75/00 (2013.01 - KR); **D06F 75/26** (2013.01 - EP US)

Cited by
FR2657193A1; FR2702879A1; ES2036934A2; DE202010000152U1

Designated contracting state (EPC)
AT DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0227150 A1 19870701; EP 0227150 B1 19901010; AT E57399 T1 19901015; CA 1273385 A 19900828; DE 3674893 D1 19901115; FR 2591246 A1 19870612; FR 2591246 B1 19880708; JP S62137100 A 19870619; KR 870006278 A 19870710; US 4803342 A 19890207

DOCDB simple family (application)
EP 86202125 A 19861128; AT 86202125 T 19861128; CA 524578 A 19861204; DE 3674893 T 19861128; FR 8518102 A 19851206; JP 28785086 A 19861204; KR 860010308 A 19861203; US 93759786 A 19861203