

Title (en)
PROTECTION DEVICE FOR IRONS

Title (de)
SCHUTZVORRICHTUNG FÜR BÜGELGERÄTE

Title (fr)
SYSTEME DE PROTECTION POUR FERS A REPASSER

Publication
EP 1109963 A1 20010627 (DE)

Application
EP 99939447 A 19990803

Priority
• DE 19839730 A 19980901
• EP 9905618 W 19990803

Abstract (en)
[origin: WO0012806A1] The invention relates to a protection device for irons, comprising a device (13) for detecting movement of the iron and a detection device (14) for detecting whether any objects are near the surface of the iron (10a). In the event that the device (13) for detecting whether the iron (10) is not in use determines that the iron (10) is not moving in accordance with signal (B) and the detection device (14) detects an object near the surface of the iron (10a), a logic unit (12) interrupts the supply of power to the heating device. The device (13) for detecting when the iron is not in use and the detecting device (14) use the same transmitters (17) and receivers (18) for measuring, temporally offset from each other.

IPC 1-7
D06F 75/26

IPC 8 full level
D06F 75/26 (2006.01)

CPC (source: EP US)
D06F 75/26 (2013.01 - EP US)

Citation (search report)
See references of WO 0012806A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0012806 A1 20000309; AT E261013 T1 20040315; DE 19839730 C1 20000330; DE 59908760 D1 20040408; EP 1109963 A1 20010627; EP 1109963 B1 20040303; ES 2216550 T3 20041016; US 6384379 B1 20020507

DOCDB simple family (application)
EP 9905618 W 19990803; AT 99939447 T 19990803; DE 19839730 A 19980901; DE 59908760 T 19990803; EP 99939447 A 19990803; ES 99939447 T 19990803; US 76383001 A 20010227