

Title (en)

IRON COMPRISING A VALVE CONTROLLED BY A THERMALLY DEFORMABLE ELEMENT

Title (de)

BÜGELEISEN MIT EINEM DURCH EIN THERMISCH VERFORMBARES ELEMENT GEREGETEN VENTIL

Title (fr)

FER A REPASSER COMPRENANT UNE VANNE COMMANDEE PAR UN ELEMENT THERMIQUEMENT DEFORMABLE

Publication

EP 1966430 B1 20181121 (FR)

Application

EP 06821065 A 20061206

Priority

- IB 2006003604 W 20061206
- FR 0513134 A 20051222

Abstract (en)

[origin: WO2007072145A1] Steam iron comprising a sole (1) in thermal connection with a heating body (5) equipped with a steam chamber (53), the steam chamber (53) communicating with a reservoir (7) by means of a supply circuit comprising a flow regulating valve (10), the openness of which is controlled by a thermally deformable element (16) in thermal connection with the heating body (5), characterized in that the opening of the regulating valve (10) is braked, beyond an intermediate temperature, by a stabilizing element (18) that exerts a force that opposes the force generated by the thermally deformable element (16).

IPC 8 full level

D06F 75/18 (2006.01)

CPC (source: EP US)

D06F 75/18 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2895421 A1 20070629; FR 2895421 B1 20080606; CN 101346509 A 20090114; CN 101346509 B 20121226; EP 1966430 A1 20080910; EP 1966430 B1 20181121; ES 2702777 T3 20190305; RU 2008130056 A 20100127; RU 2416685 C2 20110420; TR 201819181 T4 20190121; US 2009000161 A1 20090101; US 7644525 B2 20100112; WO 2007072145 A1 20070628

DOCDB simple family (application)

FR 0513134 A 20051222; CN 200680048585 A 20061206; EP 06821065 A 20061206; ES 06821065 T 20061206; IB 2006003604 W 20061206; RU 2008130056 A 20061206; TR 201819181 T 20061206; US 15880706 A 20061206