Title (en)

CLOTHES IRON INCLUDING A BUTTON FOR CONTROLLING THE STEAM

Title (de

BÜGELEISEN MIT EINEM KNOPF ZUR DAMPFREGELUNG

Title (fr)

FER À REPASSER COMPORTANT UN BOUTON DE COMMANDE DE LA VAPEUR

Publication

EP 2705189 B1 20150520 (FR)

Application

EP 12708910 A 20120210

Priority

- FR 1153908 A 20110506
- FR 2012050306 W 20120210

Abstract (en)

[origin: WO2012153020A1] The invention relates to a clothes iron (1) comprising a water tank (13) and an ironing sole plate (2) thermally contacting a heating body (3) including a vaporization chamber (32), said tank (13) communicating with the vaporization chamber (32) via a supply circuit comprising a sealing means (6) controlled by a button (60) for controlling the steam, wherein the sealing means (6) is moved into an open position for enabling the water to flow through the supply circuit when said button (60) for controlling the steam is actuated, and is automatically returned by a return means (64) into a closed position, in which said sealing means (6) blocks the flow of water when the user releases the button (60) for controlling the steam, characterized in that the supply circuit includes an anti-drip valve (7) controlled by a thermally deformable element (72) supported by the heating body (3).

IPC 8 full level

D06F 75/18 (2006.01)

CPC (source: CN EP)

D06F 75/18 (2013.01 - CN EP); D06F 75/265 (2013.01 - CN); D06F 79/026 (2013.01 - CN EP)

Cited by

GB2580140B; US11346044B2

Designated contracting state (EPC)

ÂL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

FR 2974821 A1 20121109; FR 2974821 B1 20130419; CN 103492631 A 20140101; CN 103492631 B 20160106; EP 2705189 A1 20140312; EP 2705189 B1 20150520; JP 2014512927 A 20140529; JP 6077525 B2 20170208; WO 2012153020 A1 20121115

DOCDB simple family (application)

FR 1153908 A 20110506; CN 201280019871 A 20120210; EP 12708910 A 20120210; FR 2012050306 W 20120210; JP 2014509782 A 20120210