

Title (en)

IRONING BOARD WITH STEAM-RELEASING BOARD FOR DOMESTIC USE WITH VARIOUS IRONING MODES

Title (de)

BÜGELTISCH MIT DAMPFFREISETZENDEM BRETT FÜR DEN HAUSHALTSGEBRAUCH MIT VERSCHIEDENEN BÜGELBETRIEBSARTEN

Title (fr)

PLANCHE À REPASSER DOTÉE D'UNE PLANCHE DE LIBÉRATION DE VAPEUR POUR USAGE DOMESTIQUE À DIVERS MODES DE REPASSAGE

Publication

**EP 3325706 B1 20190522 (EN)**

Application

**EP 16770374 A 20160721**

Priority

- IT UB20152967 A 20150723
- IT 2016000180 W 20160721

Abstract (en)

[origin: WO2017013689A1] Ironing board for domestic use with heated and ventilated board with steam-release function and built-in boiler. Said ironing board has several ironing modes and automatic mechanisms that make it especially easy and intuitive to use. In particular, the three following ironing modes: ironing by hand only (without using any iron); ironing with steam iron and release of steam from the board at the same time; ironing with dry iron and release of steam from the board at the same time. The by-hand-only ironing mode (without any iron) has to a new automatic system of ventilation change from suction to blowing and the contemporary release of steam from the ironing board by simply operating a foot-pedal control. This enables the user to keep his/her hands completely free to flatten the item to be ironed on the board by exploiting the air suction first and then pressing the foot- pedal to obtain the blowing function and steam release. The user can then iron the item by using air and steam and eliminate any creases by using his/her hands only. After releasing the foot-pedal, the ironing board stops ejecting steam and changes the ventilation from blowing into suction: during this phase the residual steam is sucked and the garment is dried up, while the user flattens and folds it. The ironing mode with steam iron has a ventilation mechanism controlled by the iron that starts the ventilation either in blowing or suction mode according to the selection made each time steam is released. Each time the foot-pedal is operated, the ventilation changes from suction into blowing and at the same time steam is released from the ironing board, so that steam can come from the iron and the worktop for greater effect and penetration of steam into the item being ironed. When the foot-pedal is released, the ironing board stops ejecting steam and the ventilation is changed back into the previous mode. In the ironing mode with dry iron, the ventilation is set as continuous suction and the user irons with dry iron and the heated board in suction mode. In this case too, by pressing the foot-pedal steam is released from the board and the ventilation is changed from suction into blowing. When releasing the foot-pedal, the steam ejection from the board stops and the ventilation is changed back into suction.

IPC 8 full level

**D06F 81/08** (2006.01)

CPC (source: EP KR)

**D06F 75/12** (2013.01 - KR); **D06F 81/08** (2013.01 - EP KR)

Designated contracting state (EPC)

AL 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)

**WO 2017013689 A1 20170126**; AU 2016296421 A1 20180308; AU 2016296421 B2 20210805; EP 3325706 A1 20180530; EP 3325706 B1 20190522; ES 2736133 T3 20191226; IT UB20152967 A1 20170123; KR 20180031725 A 20180328; PL 3325706 T3 20191129

DOCDB simple family (application)

**IT 2016000180 W 20160721**; AU 2016296421 A 20160721; EP 16770374 A 20160721; ES 16770374 T 20160721; IT UB20152967 A 20150723; KR 20187004927 A 20160721; PL 16770374 T 20160721