

Title (en)  
IRONING SYSTEM WITH WATER DELIVERY MECHANISM

Title (de)  
BÜGELSYSTEM MIT WASSERABGABEVORRICHTUNG

Title (fr)  
SYSTÈME DE REPASSAGE AVEC MÉCANISME DE DISTRIBUTION D'EAU

Publication  
**EP 3464706 A1 20190410 (EN)**

Application  
**EP 17724358 A 20170519**

Priority  
• EP 16171468 A 20160526  
• EP 2017062064 W 20170519

Abstract (en)  
[origin: WO2017202706A1] The invention relates to an ironing system (20) comprising a steam iron (200) and a base unit (250) adapted to cooperate with each other such that the steam iron (200) can take a first position (P1) in which the steam iron (200) is docked on the base unit (250), and a second position (P2) in which the steam iron (200) is undocked from the base unit (250). The steam iron (200) is cordlessly detached from the base unit (250) in the second position (P2). The steam iron (200) comprises a water reservoir (201) arranged to store water, and a soleplate (202) for generating steam from water in the water reservoir (201) when the steam iron (200) is in the second position (P2). The base unit (250) comprises a water delivery mechanism (251) for supplying water to the water reservoir (201) when the steam iron (200) is in the first position (P1), and a power supply unit (252) for supplying energy to the soleplate (202) when the steam iron (200) is in the first position (P1), for heating the soleplate (202). The ironing system (20) further comprises a temperature sensor (203) for sensing temperature of the soleplate (202), a controller (253) for determining, based on a variation of temperature of the soleplate, an amount of water to be supplied to the water reservoir (201) by the water delivery mechanism (251). This solution allows an improved water fill-in of the water reservoir.

IPC 8 full level  
**D06F 75/12** (2006.01); **D06F 75/14** (2006.01); **D06F 75/16** (2006.01); **D06F 79/02** (2006.01)

CPC (source: EP US)  
**D06F 79/026** (2013.01 - EP US); **D06F 75/12** (2013.01 - EP US); **D06F 75/14** (2013.01 - EP US)

Citation (search report)  
See references of WO 2017202706A1

Cited by  
RU2765177C1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2017202706 A1 20171130**; CN 109154127 A 20190104; EP 3464706 A1 20190410; RU 2018146052 A 20200626;  
US 2019136445 A1 20190509

DOCDB simple family (application)  
**EP 2017062064 W 20170519**; CN 201780032224 A 20170519; EP 17724358 A 20170519; RU 2018146052 A 20170519;  
US 201716304328 A 20170519