

Title (en)

STEAM IRON UNIT WITH VARIOUS STEAM FLOWS

Title (de)

DAMPFBÜGELEISEN MIT VERSCHIEDENEN DAMPFSTRÖMUNGEN

Title (fr)

UNITÉ DE FER À VAPEUR AVEC DIVERS FLUX DE VAPEUR

Publication

EP 3269874 A1 20180117 (EN)

Application

EP 16382340 A 20160715

Priority

EP 16382340 A 20160715

Abstract (en)

The ironing station with several steam flows comprises an iron (40) with a soleplate (1), a supply unit (50) with a water tank (7) and a first evaporation chamber (4) separated from the soleplate and in communication with steam outlet holes (2) of the soleplate, which integrates a second evaporation chamber (14) in communication with steam outlet holes (3) of the soleplate, and heaters heating the soleplate (1) and the first and second evaporation chambers (4, 14). A pump (9) drives water through a main conduit (8) from the receptacle (7) to the first evaporation chamber (4) and an electrically-operated valve (15) controls the water flow of a secondary conduit (12) from a diversion (13) of the main conduit to the second evaporation chamber (14), depending on the opening/closing cycles thereof.

IPC 8 full level

D06F 75/12 (2006.01); **D06F 75/20** (2006.01)

CPC (source: EP RU)

D06F 75/00 (2013.01 - RU); **D06F 75/12** (2013.01 - EP); **D06F 75/20** (2013.01 - EP)

Citation (applicant)

- FR 2523164 A1 19830916 - SEB SA [FR]
- US 5010664 A 19910430 - SAKANO CHIKASHI [JP], et al
- FR 2690932 A1 19931112 - ROWENTA WERKE GMBH [DE]
- FR 2747403 A1 19971017 - ROWENTA WERKE GMBH [DE]
- FR 2785975 A1 20000519 - SEB SA [FR]
- FR 2853671 A1 20041015 - FUNG KAI TUNG AUGUSTINE [CN]
- WO 2005080664 A1 20050901 - EURO PRO OPERATING LLC [US], et al
- WO 2013167692 A1 20131114 - LONGHI APPLIANCES S R L DIVISIONE COMMERCIALE ARIETE DE [IT]

Citation (search report)

- [AD] FR 2853671 A1 20041015 - FUNG KAI TUNG AUGUSTINE [CN]
- [A] EP 1801281 A1 20070627 - BRAUN GMBH [DE]
- [AD] WO 2005080664 A1 20050901 - EURO PRO OPERATING LLC [US], et al
- [A] DE 2046656 A1 19710325 - SUNBEAM CORP
- [AD] FR 2690932 A1 19931112 - ROWENTA WERKE GMBH [DE]
- [AD] FR 2747403 A1 19971017 - ROWENTA WERKE GMBH [DE]
- [A] DE 4133295 A1 19930415 - BRAUN AG [DE]
- [A] DE 102009035367 A1 20100204 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] WO 2004085732 A1 20041007 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [AD] FR 2523164 A1 19830916 - SEB SA [FR]
- [AD] US 5010664 A 19910430 - SAKANO CHIKASHI [JP], et al
- [AD] FR 2785975 A1 20000519 - SEB SA [FR]
- [AD] WO 2013167692 A1 20131114 - LONGHI APPLIANCES S R L DIVISIONE COMMERCIALE ARIETE DE [IT]

Cited by

US11390985B2; CN109185850A; WO2024125143A1

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)

EP 3269874 A1 20180117; **EP 3269874 B1 20181121**; ES 2711724 T3 20190507; RU 2664238 C1 20180815

DOCDB simple family (application)

EP 16382340 A 20160715; ES 16382340 T 20160715; RU 2017124598 A 20170711