

Title (en)

IRON COMPRISING A STEAM CHAMBER PROVIDED WITH TWO SEPARATE EVAPORATION AREAS

Title (de)

BÜGELEISEN, DAS EINE DAMPFERZEUGUNGSKAMMER UMFASST, DIE MIT ZWEI VERSCHIEDENEN VERDAMPFUNGZONEN VERSEHEN IST

Title (fr)

FER À REPASSER COMPORTANT UNE CHAMBRE DE VAPORISATION MUNIE DE DEUX ZONES D'ÉVAPORATION DISTINCTES

Publication

EP 3362598 A1 20180822 (FR)

Application

EP 16778420 A 20161010

Priority

- EP 15189437 A 20151012
- EP 2016074245 W 20161010

Abstract (en)

[origin: CA2996346A1] An iron (1) comprising a flat ironing soleplate (2), a heating body (4) comprising a lower face in thermal contact with the soleplate (2) and an upper face at which a vaporisation chamber (6) is provided, and means for injecting water into the vaporisation chamber (6) comprising at least two injection openings (51, 52) that simultaneously inject water onto two separate evaporation areas (61, 62) of a bottom wall (60) of the vaporisation chamber (6) when the soleplate (2) of the iron (1) is arranged horizontally, said vaporisation chamber (6) being bordered laterally by a side wall (43) extending from the bottom wall (60) to a closing cover (5) attached to the heating body (4), said side wall (43) comprising at least one passage (63) establishing communication between the vaporisation chamber (6) and a steam distribution circuit leading to at least one steam outlet opening (20) provided in the soleplate (2), characterised in that said passage (63) is provided at one longitudinal end of the vaporisation chamber (6) and in that the vaporisation chamber (6) comprises a separation wall (42) extending from the two evaporation areas (61, 62) to the passage (63) so as to provide a partition between the two evaporation areas (61, 62).

IPC 8 full level

D06F 75/18 (2006.01)

CPC (source: EP US)

D06F 75/18 (2013.01 - EP US); **D06F 75/20** (2013.01 - US); **D06F 75/24** (2013.01 - EP US); **H05B 3/42** (2013.01 - US)

Citation (search report)

See references of WO 2017064013A1

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 3156538 A1 20170419; **EP 3156538 B1 20180725**; CA 2996346 A1 20170420; CA 2996346 C 20220705; CN 108350642 A 20180731; CN 108350642 B 20200515; EP 3362598 A1 20180822; EP 3362598 B1 20191002; ES 2686712 T3 20181019; ES 2753610 T3 20200413; US 10385503 B2 20190820; US 2019062987 A1 20190228; WO 2017064013 A1 20170420

DOCDB simple family (application)

EP 15189437 A 20151012; CA 2996346 A 20161010; CN 201680059527 A 20161010; EP 16778420 A 20161010; EP 2016074245 W 20161010; ES 15189437 T 20151012; ES 16778420 T 20161010; US 201615767028 A 20161010