

Title (en)

Physico-chemical antiscaling device with a grid, for an iron

Title (de)

Physikalisch-chemische Vorrichtung zum Verhindern von Kalkablagerungen mit einem Gitter, für Bügeleisen

Title (fr)

Dispositif physico chimique anti-tartre avec une grille anti paillettes, pour fer à repasser

Publication

**EP 1146164 A2 20011017 (FR)**

Application

**EP 01420068 A 20010326**

Priority

DE 10014815 A 20000327

Abstract (en)

Steam iron, contains scale inhibitor of silicone elastomer produced by hardening water vapor permeable-organosilicon compound with hydrophilic active substance and polyorganosiloxane composition in (part of) water channel. In a steam iron, at least part of the water channel contains a scale inhibitor of silicone elastomer, produced by crosslinking or hardening a water vapor permeable-organosilicon compound with a hydrophilic active substance and a polyorganosiloxane composition. Near the vaporization zone of a steam chamber with a metal heating element, the iron has a grid through which the steam flows, consisting of a metal differing from that of the sole plate.

Abstract (fr)

Fer à vapeur ayant un circuit d'eau dont au moins un compartiment contient un agent anti tartre (305) obtenu par réticulation ou durcissement en un élastomère silicone d'un système organo silicique perméable à la vapeur d'eau comportant une matière active hydrophile et une composition polyorganosiloxane, le fer comportant en outre, à proximité de la zone de vaporisation d'une chambre (2) formée dans un corps de chauffe métallique (100), une grille (203), de nature métallique différente de celle du corps de chauffe (100), traversée par le flux de vapeur. <IMAGE>

IPC 1-7

**D06F 75/14**; **D06F 75/18**

IPC 8 full level

**D06F 75/10** (2006.01); **D06F 75/14** (2006.01); **D06F 75/18** (2006.01)

CPC (source: EP US)

**D06F 75/10** (2013.01 - EP US); **D06F 75/14** (2013.01 - EP US); **D06F 75/18** (2013.01 - EP US)

Cited by

EP2578743A1; CN104018332A; CN102995375A; RU2755909C2; CN102995372A; FR2979924A1; CN102995374A; RU2606317C2; US8561328B2; EP2578742A1; WO2018189464A1; WO2015158977A1; WO2009044358A3; EP2578745A1; WO2016102869A2; EP2578743B1

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