

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 B1 20040414 (FR)**

Application

**EP 01420068 A 20010326**

Priority

DE 10014815 A 20000327

Abstract (en)

[origin: EP1146164A2] 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.

IPC 1-7

**D06F 75/10**; **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; RU2755909C2; CN104018332A; CN102995372A; CN102995375A; FR2979924A1; CN102995374A; RU2606317C2; WO2018189464A1; US8561328B2; WO2015158977A1; EP2578742A1; WO2009044358A3; EP2578745A1; WO2016102869A2; EP2578743B1

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