

Title (en)
Steam ironing apparatus with additives

Title (de)
Dampfbügelvorrichtung mit Additiven

Title (fr)
Appareil de repassage à vapeur avec additifs

Publication
EP 1191140 B1 20040721 (FR)

Application
EP 01420197 A 20010919

Priority
FR 0012108 A 20000922

Abstract (en)
[origin: EP1191140A1] Steam iron (7) has steam generator (1) which includes in series a water reservoir (2), a first electric pump (3), a boiler (4) a mixer and atomizer (5), and a pipe (6). Additional circuit consists of a reservoir (8) for liquid additive in series with a second electric pump (9) connected to mixer and atomizer. Steam iron has steam distributor which directs steam along two different circuits dependent upon whether or not additive is being used. The boiler of the steam generator is of the type where the water evaporates almost instantaneously. The steam generator has a anti-scaling cartridge (22) in the water circuit before the boiler and has a circuit which introduces a water fog into the steam . The generator has also a rapid purging circuit.

IPC 1-7
D06F 75/12; **F22B 1/28**

IPC 8 full level
D06F 75/12 (2006.01); **F22B 1/28** (2006.01)

CPC (source: EP)
D06F 75/12 (2013.01); **F22B 1/288** (2013.01)

Cited by
CN104018331A; CN1299046C; CN1299045C; CN102242936A; FR2898612A1; EP1835067A1; IT202200011141A1; US8479419B2; US8464445B2; WO2004055255A1; WO2004076737A1; WO2005059232A1; WO2023227762A1; WO2006070327A1; JP2007513728A; WO2021079394A1

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