

Title (en)

Regeneration device for regenerating a water decalcification unit of an ironing apparatus and relative regeneration method

Title (de)

Regenerierungsvorrichtung zum Regenerieren der Wasserentkalkungseinheit einer Bügelvorrichtung und zugehöriges Regenerierungsverfahren

Title (fr)

Dispositif de régénération pour régénérer l'unité de décalcification de l'eau d'un appareil de repassage et procédé de régénération relative

Publication

**EP 2610403 B1 20141112 (EN)**

Application

**EP 12183366 A 20120906**

Priority

IT UD20110144 A 20110914

Abstract (en)

[origin: EP2610403A1] Regeneration device to regenerate a water decalcification unit (13) associated with an ironing apparatus (12) having a tank (19) for the water and a boiler (21) to transform the water into steam. The water decalcification unit (13) is provided with at least an anti-limescale filter (15) of the regenerable type, connected to the tank (19). The regeneration device comprises a compartment (27) into which a cartridge (28) containing a regenerating liquid is inserted, and a drainage unit (30) associated at least with the anti-limescale filter (15) and with the boiler (21). The drainage unit (30) is able to be selectively activated to assume a first operating position, in which the insertion of the cartridge (28) into the compartment (27) is prevented and the anti-limescale filter (15) is in hydraulic communication with the boiler (21) to supply decalcified water to the latter from the water decalcification unit (13), and a second operating position, in which the cartridge (28) is inserted into the compartment (27) so that the regenerating liquid can be conveyed toward the anti-limescale filter (15), and in which the hydraulic communication between the anti-limescale filter (15) and the boiler (21) is interrupted.

IPC 8 full level

**D06F 75/10** (2006.01); **D06F 75/12** (2006.01); **D06F 75/14** (2006.01); **D06F 79/00** (2006.01)

CPC (source: EP)

**D06F 75/10** (2013.01); **D06F 75/12** (2013.01); **D06F 75/14** (2013.01); **D06F 79/00** (2013.01)

Cited by

US11618992B2

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

DOCDB simple family (publication)

**EP 2610403 A1 20130703**; **EP 2610403 B1 20141112**; CN 102989227 A 20130327; CN 102989227 B 20160629; ES 2529019 T3 20150216; IT UD20110144 A1 20130315

DOCDB simple family (application)

**EP 12183366 A 20120906**; CN 201210340510 A 20120914; ES 12183366 T 20120906; IT UD20110144 A 20110914