

Title (en)

BOILER FOR GENERATING STEAM AND HOUSEHOLD APPLIANCES CONTAINING SAID BOILER

Title (de)

KESSEL ZUR ERZEUGUNG VON DAMPF UND HAUSHALTSGERÄTE MIT BESAGTEM KESSEL

Title (fr)

CHAUDIÈRE POUR GÉNÉRER DE LA VAPEUR ET APPAREILS ÉLECTROMÉNAGERS CONTENANT LADITE CHAUDIÈRE

Publication

EP 3406790 A1 20181128 (EN)

Application

EP 18173401 A 20180521

Priority

IT 201700055276 A 20170522

Abstract (en)

The present invention is directed to a boiler (10) comprising a resistance (50) for water heating, a steam exit (31) and a system for temperature and/or pressure regulation inside the boiler, said boiler containing a plate (100) comprising at least one hole for steam passage from the lower part (11) to the upper part (12) of boiler. The boiler according to the invention, when used with water having hardness, in French degrees, lower than or equal to 20, has a lifetime preferably longer than 500 hours, more preferably longer than 1000 hours. In case of combined use with an iron, assuming an average utilisation of about 2 hours per week, this data corresponds to an average lifetime of boiler, with tub water and without maintenance, longer than 5 years, preferably longer than 10 years. Whereas with average lifetime is intended an average time of use of the boiler before the occurring of scale problems affecting the functioning.

IPC 8 full level

D06F 57/12 (2006.01)

CPC (source: EP US)

D06F 39/40 (2024.01 - EP US); **D06F 75/12** (2013.01 - EP US); **F22B 1/284** (2013.01 - EP)

Citation (search report)

- [X] WO 2016030061 A1 20160303 - KONINKL PHILIPS NV [NL]
- [X] CN 105937180 A 20160914 - SEB SA
- [XA] EP 3067071 A1 20160914 - CHOI LUNG WAI [CN]

Cited by

EP4283190A1; WO2023227487A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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