

Title (en)  
SOLID FUEL WALL-MOUNTED BOILER FOR HEATING ROOMS AND PRODUCING SANITARY HOT WATER

Title (de)  
WANDMONTIERTER FESTBRENNSTOFFKESSEL ZUM HEIZEN VON RÄUMEN UND ERZEUGEN VON WARMEM BRAUCHWASSER

Title (fr)  
CHAUDIÈRE MURALE À COMBUSTIBLE SOLIDE DESTINÉE À CHAUFFER DES PIÈCES ET À PRODUIRE DE L'EAU CHAUDE SANITAIRE

Publication  
**EP 2307804 A2 20110413 (EN)**

Application  
**EP 09745109 A 20090522**

Priority  
• IB 2009052150 W 20090522  
• IT TO20080386 A 20080523

Abstract (en)  
[origin: WO2009141808A2] The boiler (10) comprises a fuel tank (22), an ash container (24), a tank (26) for the sanitary hot water, a burner module with a crucible (30) and an ignition device (32), a heating chamber module with a heat exchanger (48), an ash discharging module with a roller (68) suitable for fragmenting the combustion residue and conveying it towards the ash container (24) and with a motor (74) suitable for setting the roller (68) in rotation, and a heat recovery module. The ignition device (32) comprises a transformer (38) and a rod (40) of metallic material suitable for being heated to cause the ignition of the combustion, the rod (40) being connected to the secondary of the transformer (38) so as to be heated by induction when current is passed through it.

IPC 8 full level  
**F23Q 7/02** (2006.01)

CPC (source: EP US)  
**F23B 40/08** (2013.01 - EP); **F23J 1/06** (2013.01 - EP); **F24C 13/00** (2013.01 - EP); **F24D 3/08** (2013.01 - EP); **F24H 1/40** (2013.01 - EP); **F24H 9/02** (2013.01 - EP); **F24H 9/06** (2013.01 - EP); **F24H 9/2057** (2013.01 - EP US); **F24H 9/25** (2022.01 - EP US); **F24H 15/20** (2022.01 - EP US); **F24H 15/212** (2022.01 - EP US); **F24H 15/238** (2022.01 - EP US); **F24H 15/25** (2022.01 - EP US); **F24H 15/32** (2022.01 - EP US); **F24H 15/335** (2022.01 - EP US); **F24H 15/35** (2022.01 - EP US); **F24H 15/36** (2022.01 - EP US); **F24H 15/414** (2022.01 - EP US); **F23J 2900/01003** (2013.01 - EP); **F23N 2227/38** (2020.01 - EP); **F23N 2233/02** (2020.01 - EP); **F24H 15/486** (2022.01 - EP US); **F24H 2230/00** (2013.01 - EP)

Citation (search report)  
See references of WO 2009141808A2

Designated contracting state (EPC)  
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 SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**WO 2009141808 A2 20091126**; **WO 2009141808 A3 20101028**; EP 2307804 A2 20110413; EP 2320145 A2 20110511; IT TO20080386 A1 20091124

DOCDB simple family (application)  
**IB 2009052150 W 20090522**; EP 09745109 A 20090522; EP 11150116 A 20090522; IT TO20080386 A 20080523