

Title (en)

BOILER WITH SUBSTANTIALLY VERTICAL FIRE TUBES, PARTICULARLY FOR DOMESTIC HEATING

Title (de)

HEISSWASSERBEREITER MIT WEITGEHEND VERTIKALEN KESSELROHREN, IM BESONDEREN FÜR HAUSHALTE

Title (fr)

CHAUDIÈRE AVEC DES TUBES SENSIBLEMENT HORIZONTAUX, EN PARTICULIER POUR LE CHAUFFAGE DOMESTIQUE

Publication

EP 2598808 A2 20130605 (EN)

Application

EP 11724197 A 20110608

Priority

- IT MI20101416 A 20100729
- EP 2011059466 W 20110608

Abstract (en)

[origin: WO2012013405A2] A boiler (10) with substantially vertical fire tubes, particularly for domestic heating, comprising a skirt (2) for containing the water (3) to be heated, which is provided at the top with a furnace (4) which has a base that is shaped so as to define a flat tube plate (12), and a plurality of substantially vertical tubes (1 1) that extend from said tube plate (12) and convey the exhaust gases produced in the furnace (4) to a collection chamber (8) arranged proximate to the base of the skirt (2), the flat tube plate (12) being inclined sufficiently to allow the natural circulation of the water in contact with it, thus avoiding any possibility of stagnation.

IPC 8 full level

F24H 1/28 (2006.01)

CPC (source: EP)

F24H 1/287 (2013.01); **F24D 2200/043** (2013.01)

Citation (search report)

See references of WO 2012013405A2

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)

WO 2012013405 A2 20120202; WO 2012013405 A3 20120405; EP 2598808 A2 20130605; EP 2598808 B1 20150708; IT 1401484 B1 20130726; IT MI20101416 A1 20120130

DOCDB simple family (application)

EP 2011059466 W 20110608; EP 11724197 A 20110608; IT MI20101416 A 20100729