

Title (en)

BOILER AND METHOD FOR OPERATING A BOILER

Title (de)

DAMPFERZEUGER UND VERFAHREN ZUM BETREIBEN EINES DAMPFERZEUGERS

Title (fr)

CHAUDIERE ET SON MODE DE FONCTIONNEMENT

Publication

**EP 1743121 B1 20080820 (DE)**

Application

**EP 05750955 A 20050504**

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Abstract (en)

[origin: WO2005108864A1] The invention relates to a boiler and to a method for operating a boiler. To effectively prevent damage to the boiler wall, in particular by corrosion, the flow speed characteristic of a furnace floor flow running horizontally to the furnace floor is determined, a source region of the horizontal furnace wall flow on at least one furnace wall is determined and an insulating gas is supplied to the source region of the horizontal furnace wall flow, in such a way that an insulating gas layer, which insulates the respective boiler wall from the flue gas, is created by the horizontal extension of the insulating gas with the aid of the furnace wall flow.

IPC 8 full level

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