

Title (en)  
Boiler

Title (de)  
Heizkessel

Title (fr)  
Chaudière

Publication  
**EP 2784408 B1 20170222 (DE)**

Application  
**EP 14160928 A 20140320**

Priority  
DE 102013103191 A 20130328

Abstract (en)  
[origin: EP2784408A1] The heating boiler has the cover elements (2) that are locked at both ends of a combustion chamber (1). A helically coiled gap heat exchanger (3) is provided to enclose the housing which consist the cover elements and a casing portion (4). A rectilinear tube element (5) is formed outside the housing of the gap heat exchanger. The superior end portion is formed in an outer cylinder circumference of the gap heat exchanger. The through hole (6) for the rectilinear tube element, is formed at the cover element.

IPC 8 full level  
**F24H 1/43** (2006.01); **F24H 9/02** (2006.01); **F24H 9/12** (2006.01)

CPC (source: EP)  
**F24H 1/43** (2013.01); **F24H 9/02** (2013.01); **F24H 9/13** (2022.01)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2784408 A1 20141001; EP 2784408 B1 20170222; DE 102013103191 A1 20141002**

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