

Title (en)  
Cast iron sectional boiler

Title (de)  
Gusseisener Gliederheizkessel

Title (fr)  
Chaudière sectionnable en fonte

Publication  
**EP 1288586 A3 20031210 (DE)**

Application  
**EP 02016182 A 20020720**

Priority  
DE 10142551 A 20010830

Abstract (en)  
[origin: DE10142551C1] The boiler consists of three sections, with water chambers connected via hubs. A shell-shaped combustion chamber section (3) is enclosed at a distance by the first sections (1,2), to define a combustion chamber (4), and is also connected to the first sections via hubs (5,6). The intermediate distance between the sections forms heating gas flues (10,11), which are divided into flow channels. The combustion chamber section mainly forms the back wall of the chamber, and has openings (9) for heating gas transfer from the combustion chamber into the flues.

IPC 1-7  
**F24H 1/32**

IPC 8 full level  
**F24H 1/32** (2006.01)

CPC (source: EP)  
**F24H 1/32** (2013.01)

Citation (search report)  
• [X] DE 1138204 B 19621018 - ERICH ZANDER  
• [PX] DE 10103277 A1 20010906 - NEUE HARZER WERKE [DE]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)  
**EP 1288586 A2 20030305; EP 1288586 A3 20031210; EP 1288586 B1 20070620**; AT E365301 T1 20070715; DE 10142551 C1 20030123; DE 50210341 D1 20070802

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**EP 02016182 A 20020720**; AT 02016182 T 20020720; DE 10142551 A 20010830; DE 50210341 T 20020720