

Title (en)  
Sectional boiler.

Title (de)  
Gliederheizkessel.

Title (fr)  
Chaudière sectionnée.

Publication  
**EP 0473946 B1 19940302 (DE)**

Application  
**EP 91113075 A 19910803**

Priority  
• DE 4026507 A 19900822  
• DE 4116383 A 19910518

Abstract (en)  
[origin: EP0473946A1] The invention relates to a sectional boiler with a number of boiler sections (1) which are arranged parallel next to one another vertically and consist of two end (E) and/or one or more central boiler sections (M), preferably made of cast material, with a firebox (F) in the lower region of the sectional boiler and, arranged above this between the boiler sections, vertical gas take-off ducts (G), the boiler sections having a rectangular to square outline, in the region of one outline corner a forward run boiler opening (2), in the region of an opposite outline corner a return run boiler opening (3), and a water chamber (4) connecting both boiler openings. In order that, with low water temperatures at the heating surfaces in contact with the gas, the temperature if possible does not fall below the dew point, the water chamber connected to the return run boiler opening is to extend only in the region of the lower half of the boiler section and the water chamber is to be connected to the forward run boiler opening via at least one water duct (5, 5a). <IMAGE>

IPC 1-7  
**F24H 1/32; F24H 8/00**

IPC 8 full level  
**F24H 1/32** (2006.01); **F24H 8/00** (2006.01)

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

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**EP 0473946 A1 19920311; EP 0473946 B1 19940302**; DE 4116383 A1 19920227; DE 4116383 C2 19921112; DE 59101086 D1 19940407

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