

Title (en)  
DOMESTIC WATER BOILER

Publication  
**EP 0067552 B1 19860813 (EN)**

Application  
**EP 82302568 A 19820520**

Priority  
• GB 8115967 A 19810526  
• GB 8124360 A 19810810

Abstract (en)  
[origin: EP0067552A1] A solid-fuel fire grate is made-up of hollow steel tubes (13) which extend between side sections (3, 5) of a domestic wrap-around boiler. The tubes (13) are curved and one end (13a) is lower than the opposite end (13b). This provides a water flow through the tubes (13) when the grate is in use, providing water heating and circulation in the boiler. Cold water is supplied through inlets 7, and hot water is provided through outlets 9. A flue has an inlet 6 and an upper outlet 8.

IPC 1-7  
**F24B 9/04**; **F23H 3/02**

IPC 8 full level  
**F23H 3/02** (2006.01); **F24B 1/183** (2006.01)

CPC (source: EP)  
**F23H 3/02** (2013.01); **F24B 1/183** (2013.01); **F23H 2900/03021** (2013.01)

Cited by  
CN104110701A; GB2123138A; EP0117750A3; US5381741A

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0067552 A1 19821222**; **EP 0067552 B1 19860813**; DE 3272551 D1 19860918

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