

Title (en)
Steam boiler

Title (de)
Dampferzeuger

Title (fr)
Chaudière à vapeur

Publication
EP 0717826 B1 19990623 (EN)

Application
EP 94926416 A 19940824

Priority
• CA 2105602 A 19930907
• SE 9400761 W 19940824

Abstract (en)
[origin: FI111751B] The steam boiler has a maximum capacity of 100 tons per hour. It consists of a furnace (1) and a back pass (2) each having a constant rectangular cross-section. Steam superheaters are provided within the back pass but not within the furnace. The furnace and the back pass are separated by a common wall. The ratio of the cross-sectional area of the furnace to the back pass should be in the range of 2:1 - 6:1. The furnace has one wall which is free from traversing tubes and the like so that the design can be enlarged by expanding that side.

IPC 1-7
F22G 7/14; **F22B 37/14**; **F22B 37/26**; **F22B 31/00**

IPC 8 full level
F22B 31/00 (2006.01); **F22B 37/14** (2006.01); **F22B 37/26** (2006.01); **F22G 7/14** (2006.01)

IPC 8 main group level
F22G (2006.01)

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