

Title (en)

Safety boiler with high efficiency.

Title (de)

Sicherheitskessel mit gutem Wirkungsgrad.

Title (fr)

Chaudière de sécurité à grande efficacité.

Publication

EP 0132470 A1 19850213 (EN)

Application

EP 83304469 A 19830802

Priority

EP 83304469 A 19830802

Abstract (en)

A safety boiler with high efficiency comprises a plurality of water jackets disposed around a central vaporizing chamber (1) positioned atop on a combustion chamber (2) and a plurality of sandwiched flues (6) each respectively partitioned between each two neighbouring water jackets so that the feed water passing the water jackets will thoroughly preheated to increase the thermal efficiency and safety of the boiler.

IPC 1-7

F22B 13/00; **F22B 27/16**

IPC 8 full level

F22B 13/00 (2006.01); **F22B 27/16** (2006.01)

CPC (source: EP)

F22B 13/005 (2013.01); **F22B 27/16** (2013.01)

Citation (search report)

- [A] US 1356098 A 19201019 - TRUMBLE MILON J
- [A] US 1458135 A 19230612 - KATO MICHAEL B
- [A] US 2787256 A 19570402 - GEORGES ILUNE

Designated contracting state (EPC)

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DOCDB simple family (publication)

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