

Title (en)

Method and apparatus for removing air bubbles from a double walled water cooled combustion chamber of a water heater

Title (de)

Verfahren und Vorrichtung zum Abtransport von Gasblasen aus einer doppelwandigen wassergekühlten Brennkammer eines Wassererhitzers

Title (fr)

Méthode et appareil pour évacuer des bulles de gaz d'une chambre de combustion refroidie par eau à paroi double d'un réchauffeur d'eau

Publication

**EP 0922913 A3 20020123 (DE)**

Application

**EP 98117104 A 19980910**

Priority

DE 19754514 A 19971209

Abstract (en)

[origin: EP0922913A2] The water in a preset part of the double-walled combustion chamber flows more rapidly through a constricted part (64) in a flow duct (46d). The narrow point in the flow duct is formed by a peripheral circle-arc shaped weld seam (48a) and a single weld seam (48f). The two side walls (14,16) and the back wall (12) of the combustion chamber form a U-shaped unit.

IPC 1-7

**F24H 1/44**; **F24H 9/00**

IPC 8 full level

**F24H 1/44** (2006.01); **F24H 9/00** (2006.01); **F24D 19/08** (2006.01)

CPC (source: EP)

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Citation (search report)

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- [A] US 4905895 A 19900306 - GREBE KARL [DE], et al
- [A] US 4421066 A 19831220 - GORDBEGLI MANOCHEHR [US]
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