

Title (en)

Chamber for the combustion of a fluid combustible mixture

Title (de)

Brennkammer zur Verbrennung eines brennbaren Fluidgemisches

Title (fr)

Chambre pour la combustion d' un mélange combustible fluide

Publication

EP 1422479 A1 20040526 (DE)

Application

EP 02026101 A 20021122

Priority

EP 02026101 A 20021122

Abstract (en)

The burner chamber contains a liner with liner elements (5) which can be elastically fixed on the burner chamber housing by rail elements (6) mounted on the chamber side to project out between two adjoining liner elements. The liner elements can be fixed by fastenings (8) such as screws or clamping springs. The rail elements can be cooled. Independent claim describes method for cooling burner chamber by supplying coolant e.g. air through coolant channel (13) through rail elements.

Abstract (de)

Die vorliegende Erfindung betrifft eine Brennkammer mit einem an der Brennkammer angeordneten Brenner, einem in der Brennkammer angeordneten Liner und einer Auslassöffnung vorgeschlagen, wobei der Liner Linerelemente (5) aufweist, die mittels Schienenelementen (6) elastisch an einem Brennkammergehäuse festlegbar sind, wobei die Schienenelemente (6) brennkammerseitig angeordnet sind und zwischen zwei benachbart angeordneten Linerelementen (5) nach außen ragen. <IMAGE>

IPC 1-7

F23R 3/00; **F23M 5/04**

IPC 8 full level

F23R 3/60 (2006.01); **F02C 7/18** (2006.01); **F02C 7/20** (2006.01); **F23M 5/04** (2006.01); **F23R 3/00** (2006.01); **F23R 3/42** (2006.01)

CPC (source: EP US)

F23M 5/04 (2013.01 - EP US); **F23R 3/002** (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (application)

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