

Title (en)

Central beam cooled with a fluid for combustion grate

Title (de)

Fluidgekühltes Mittelbalkenelement für Verbrennungsrost

Title (fr)

Poutre centrale refroidie par fluide pour grille de combustion

Publication

**EP 1134495 A1 20010919 (DE)**

Application

**EP 01104220 A 20010222**

Priority

DE 10011791 A 20000313

Abstract (en)

The middle beam element (15) has channels for the fluid and inlet and outlet supplies for the refrigerant. The middle beam element comprises two parts (1,2) that are arranged one on the top of the other and are connected together to form a channel, through which the refrigerant flows. Preferably, the two parts are bell-shaped and the channel is formed on both sides of the inner part with its surface is parallel to the thermally-loaded outer face.

Abstract (de)

Die Erfindung betrifft ein fluidgekühltes Mittelbalkenelement für mehrbahnige Verbrennungsroste, bestehend aus Kanälen für das Fluid, Zuführungen und Abführungen für das Kühlmittel, bei dem das Mittelbalkenelement (15) aus zwei übereinander liegenden, miteinander verbundenen, nach unten offenen Teilen (1, 2) besteht, die mindestens einen Kanal (a, b) bilden, durch den ein Kühlmedium strömt, und einen Mittelbalken (Fig. 1). <IMAGE>

IPC 1-7

**F23H 17/08**; **F23H 3/02**

IPC 8 full level

**F23H 3/02** (2006.01); **F23H 17/08** (2006.01)

CPC (source: EP KR)

**F23H 3/02** (2013.01 - EP KR); **F23H 17/08** (2013.01 - EP); **F23H 2900/03021** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1134495 A1 20010919**; **EP 1134495 B1 20040825**; AT E274677 T1 20040915; DE 10011791 A1 20021219; DE 10011791 B4 20040129; DE 50103369 D1 20040930; ES 2228677 T3 20050416; JP 2001289426 A 20011019; JP 4729184 B2 20110720; KR 100756093 B1 20070905; KR 20010091991 A 20011023; TW 475051 B 20020201

DOCDB simple family (application)

**EP 01104220 A 20010222**; AT 01104220 T 20010222; DE 10011791 A 20000313; DE 50103369 T 20010222; ES 01104220 T 20010222; JP 2001060399 A 20010305; KR 20010012677 A 20010312; TW 90105354 A 20010307