

Title (en)

Hot gas chamber and shingle for a hot gas chamber

Title (de)

Heissgaskammer und Schindel für eine Heissgaskammer

Title (fr)

Chambre à gaz chauds et bardeau pour une chambre à gaz chauds

Publication

**EP 1635118 A3 20060419 (DE)**

Application

**EP 05017348 A 20050810**

Priority

DE 102004044852 A 20040910

Abstract (en)

[origin: EP1635118A2] The chamber has a carrying structure (12) for a chamber lining (16), and spaces (18) that are formed between the structure and the lining. The chamber lining includes shingles (20) that are made of a fiber-reinforced ceramic material. The shingles include a plate (22, 24) that is oriented partially transverse to a shingle surface facing a hot expansion space. The shingles are held at the structure by the plate.

IPC 8 full level

**F23M 5/04** (2006.01); **F23R 3/00** (2006.01)

CPC (source: EP)

**F23M 5/04** (2013.01); **F23R 3/002** (2013.01); **F23R 3/007** (2013.01)

Citation (search report)

- [XY] US 5333443 A 19940802 - HALILA ELY E [US]
- [X] EP 0895027 A1 19990203 - ABB RESEARCH LTD [CH]
- [X] DE 1052750 B 19590312 - ROLLS ROYCE
- [Y] EP 1310735 A1 20030514 - ROLLS ROYCE DEUTSCHLAND [DE]

Cited by

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