

Title (en)

Combustion chamber with ceramic lining.

Title (de)

Brennkammer mit keramischer Auskleidung.

Title (fr)

Chambre de combustion avec garniture céramique.

Publication

**EP 0658724 A3 19960403 (DE)**

Application

**EP 94119578 A 19941210**

Priority

DE 4343319 A 19931218

Abstract (en)

[origin: EP0658724A2] The invention relates to a combustion chamber (10), in particular for gas turbines, with a hollow-cylindrical supporting wall (12, 13), on the inside of which a lining (14) composed of individual ceramic elements (15, 16, 17, 18, 19) is arranged, the ceramic elements (15, 16, 17, 18, 19) being designed as trapezohedrons, the base areas of which are adapted to the geometry of the combustion chamber (10) and are fastened to the inside of the supporting wall (12, 13). <IMAGE>

IPC 1-7

**F23M 5/02**; **F23R 3/00**; **F27D 1/00**

IPC 8 full level

**F23M 5/02** (2006.01); **F23M 5/04** (2006.01); **F23R 3/00** (2006.01); **F23R 3/42** (2006.01); **F27D 1/04** (2006.01)

CPC (source: EP)

**F23M 5/02** (2013.01); **F23M 5/04** (2013.01); **F23R 3/007** (2013.01); **F27D 1/045** (2013.01); **F27D 2001/047** (2013.01)

Citation (search report)

- [X] US 4569659 A 19860211 - OLSEN ERIK T [SE], et al
- [X] GB 2233079 A 19910102 - WILLIAMSON CLIFF LIMITED [GB]
- [X] US 3918255 A 19751111 - HOLDEN ABE N
- [A] US 3815891 A 19740611 - BLACK W
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 111 (M - 379) 15 May 1985 (1985-05-15)

Cited by

EP1006315A1; AT12612U1; EP1507117A1; EP1712745A1; CN114484505A; EP2175219A1; EP0706009A3; US2021190319A1; US8137063B2; WO2005019731A1; WO2006108746A1; US6223538B1; EP2769969A1; US9174275B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0658724 A2 19950621**; **EP 0658724 A3 19960403**; DE 4343319 A1 19950622; JP H07260151 A 19951013

DOCDB simple family (application)

**EP 94119578 A 19941210**; DE 4343319 A 19931218; JP 31381994 A 19941216