

Title (en)

WALL SEGMENT FOR A COMBUSTION CHAMBER AND COMBUSTION CHAMBER

Title (de)

WANDSEGMENT FÜR EINEN BRENNRAUM SOWIE BRENNRAUM

Title (fr)

SEGMENT DE PAROI POUR UNE CHAMBRE DE COMBUSTION, ET CHAMBRE DE COMBUSTION

Publication

**EP 1064510 B1 20021113 (DE)**

Application

**EP 99916770 A 19990301**

Priority

- DE 9900542 W 19990301
- DE 19812074 A 19980319

Abstract (en)

[origin: WO9947874A1] The invention relates to a wall segment (1) for a combustion chamber (2) which can be impinged upon by a hot fluid (A). The wall segment (1) has a metal support structure (3) and a heat protection element (9) secured thereon. The metal support structure (3) is provided, at least partially, with a thin and/or metal, heat resistant separating layer (7). The separating layer (7) is arranged between the metal support structure (3) and the heat protection element (9).

IPC 1-7

**F27B 7/28**; **F27D 1/04**; **F27D 1/14**

IPC 8 full level

**F23R 3/42** (2006.01); **F23M 5/00** (2006.01); **F23M 5/04** (2006.01); **F23R 3/00** (2006.01); **F27B 7/28** (2006.01); **F27D 1/00** (2006.01); **F27D 1/04** (2006.01); **F27D 1/14** (2006.01)

CPC (source: EP US)

**F23M 5/04** (2013.01 - EP US); **F23R 3/002** (2013.01 - EP US); **F27D 1/004** (2013.01 - EP US); **F27D 1/145** (2013.01 - EP US); **F27D 2001/047** (2013.01 - EP US)

Cited by

EP1302723A1

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

**WO 9947874 A1 19990923**; DE 59903399 D1 20021219; EP 1064510 A1 20010103; EP 1064510 B1 20021113; JP 2002506963 A 20020305; JP 4172913 B2 20081029; US 2002050237 A1 20020502; US 6397765 B1 20020604; US 6612248 B2 20030902

DOCDB simple family (application)

**DE 9900542 W 19990301**; DE 59903399 T 19990301; EP 99916770 A 19990301; JP 2000537024 A 19990301; US 64657200 A 20000919; US 99316101 A 20011107