

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 A1 20010103 (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)

Citation (search report)

See references of WO 9947874A1

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