

Title (en)
Ceramic lining

Title (de)
Keramische Auskleidung

Title (fr)
Garniture céramique

Publication
EP 0895027 B1 20020306 (DE)

Application
EP 97810539 A 19970728

Priority
EP 97810539 A 19970728

Abstract (en)
[origin: EP0895027A1] The ceramic lining has at least one through-opening (6) each with a structural ceramic fixture element (4) resistant to high temperatures. The base of the fixture element is positioned elastically in a holder (5) fixed to the metal supporting wall (1). The head (20) of the fixture element rests in the opening in the box-shaped wall element (3). A base (25) of the wall element is parallel with the metal wall, and has its exterior pointing towards the combustion chamber. An inner wall (23) surrounding the opening in a ring is directly or indirectly supported on the metal supporting wall. Outer walls (24) at right angles to the metal wall extend as far as the metal wall without touching it.

IPC 1-7
F23M 5/02; **F23M 5/04**

IPC 8 full level
F23M 5/00 (2006.01); **F23M 5/02** (2006.01); **F23M 5/04** (2006.01); **F23R 3/00** (2006.01)

CPC (source: EP US)
F23M 5/02 (2013.01 - EP US); **F23M 5/04** (2013.01 - EP US); **F23R 3/007** (2013.01 - EP US); **F23M 2900/05002** (2013.01 - EP US); **F23M 2900/05004** (2013.01 - EP US)

Cited by
EP1710501A3; EP1635118A3; EP2853816A1; EP1862740A1; DE102013220482B3; DE10036211A1; EP2236928A1; US9903589B2; US8069670B2; WO2007137883A1; WO2010105709A3

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0895027 A1 19990203; **EP 0895027 B1 20020306**; DE 59706557 D1 20020411; JP H1194241 A 19990409; US 5957067 A 19990928

DOCDB simple family (application)
EP 97810539 A 19970728; DE 59706557 T 19970728; JP 21100098 A 19980727; US 11958598 A 19980721