

Title (en)
Reaction chamber cladding

Title (de)
Brennkammerauskleidung

Title (fr)
Habillage de chambre de combustion

Publication
EP 2075506 A3 20141112 (DE)

Application
EP 08021918 A 20081217

Priority
DE 102007062699 A 20071227

Abstract (en)
[origin: EP2075506A2] The chamber has multiple ceramic tubular hollow sections (2) distributedly arranged at the circumference of a metallic carrier structure (6), where the sections are fastened to the structure. The sections are designed in the form of a straight line profile and are arranged as individual segments. A metallic hollow body (1) is arranged in each section and has a wall with air passage openings (5), where cooling air conducts through the hollow body. The openings are formed in the form of a perforation. The hollow body is attached to a cooling air system by a cooling air supply.

IPC 8 full level
F23R 3/00 (2006.01); **F23R 3/06** (2006.01)

CPC (source: EP US)
F23R 3/002 (2013.01 - EP US); **F23R 3/007** (2013.01 - EP US); **F23R 3/06** (2013.01 - EP US); **F23R 2900/03041** (2013.01 - EP US); **F23R 2900/03042** (2013.01 - EP US); **F23R 2900/03044** (2013.01 - EP US)

Citation (search report)

- [Y] EP 1431661 A1 20040623 - SIEMENS AG [DE]
- [Y] EP 1271056 A1 20030102 - SIEMENS AG [DE]
- [A] US 6047552 A 20000411 - GROSS HEINZ-JUERGEN [DE], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2075506 A2 20090701; **EP 2075506 A3 20141112**; **EP 2075506 B1 20160427**; DE 102007062699 A1 20090702; US 2009193810 A1 20090806; US 8074453 B2 20111213

DOCDB simple family (application)
EP 08021918 A 20081217; DE 102007062699 A 20071227; US 31825908 A 20081223