

Title (en)
Reaction chamber cladding

Title (de)
Brennkammerauskleidung

Title (fr)
Habillage de chambre de combustion

Publication
EP 2075506 B1 20160427 (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
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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)

Designated contracting state (EPC)
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EP 2075506 A2 20090701; **EP 2075506 A3 20141112**; **EP 2075506 B1 20160427**; DE 102007062699 A1 20090702; US 2009193810 A1 20090806; US 8074453 B2 20111213

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