

Title (en)
Combustion chamber

Title (de)
Brennkammer

Title (fr)
Chambre de combustion

Publication
EP 1443275 B1 20080813 (DE)

Application
EP 03001890 A 20030129

Priority
EP 03001890 A 20030129

Abstract (en)
[origin: EP1443275A1] The combustion chamber unit (1) has the combustion chamber (24) itself surrounded by annular outer and inner walls (26, 28). Its own inner wall (25) is clad with heat shield elements (38). One or more of these forms an inner cavity with the combustion chamber wall, which can be filled with coolant. A coolant distributor is fitted in the cavity, connected to several coolant outlet apertures. The inner wall is composed of contacting wall elements (30) with part joints (31).

IPC 8 full level
F23R 3/42 (2006.01); **F23R 3/60** (2006.01); **F02C 7/16** (2006.01); **F02C 7/18** (2006.01); **F23R 3/00** (2006.01); **F23R 3/50** (2006.01)

CPC (source: EP US)
F23R 3/005 (2013.01 - EP US); **F23R 3/007** (2013.01 - EP US); **F23R 3/50** (2013.01 - EP US); **F23R 3/60** (2013.01 - EP US);
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Cited by
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Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 1443275 A1 20040804; EP 1443275 B1 20080813; CN 100393997 C 20080611; CN 1519507 A 20040811; DE 50310313 D1 20080925; ES 2307834 T3 20081201; JP 2004340564 A 20041202; US 2004182085 A1 20040923; US 7082771 B2 20060801

DOCDB simple family (application)
EP 03001890 A 20030129; CN 200410002085 A 20040112; DE 50310313 T 20030129; ES 03001890 T 20030129; JP 2004013771 A 20040122; US 76767704 A 20040129