

Title (en)  
Annular combustion chamber for turbomachine

Title (de)  
Ringförmige Brennkammer für eine Turbomaschine

Title (fr)  
Chambre de combustion annulaire de turbomachine

Publication  
**EP 1489359 B1 20060503 (FR)**

Application  
**EP 04102723 A 20040615**

Priority  
FR 0350226 A 20030617

Abstract (en)  
[origin: EP1489359A1] The chamber has an external axial wall (2), an internal axial wall (4) and the chamber bottom (8) connecting the axial walls. The walls are multi-perforated along their length to allow reinforcement of cooling air films (D1, D2). Each wall is provided, in the upstream portion, with zones (54, 40) of perforations (38) such that cooling air is introduced with counter-flow inside the chamber.

IPC 8 full level  
**F23R 3/50** (2006.01); **F23R 3/06** (2006.01)

CPC (source: EP US)  
**F23R 3/06** (2013.01 - EP US); **F23R 3/50** (2013.01 - EP US)

Cited by  
FR2974162A1

Designated contracting state (EPC)  
DE ES FR GB IT SE

DOCDB simple family (publication)  
**EP 1489359 A1 20041222; EP 1489359 B1 20060503**; CA 2470928 A1 20041217; CA 2470928 C 20111115; DE 602004000789 D1 20060608; DE 602004000789 T2 20070531; ES 2262094 T3 20061116; FR 2856468 A1 20041224; FR 2856468 B1 20071123; RU 2004118309 A 20060110; RU 2342602 C2 20081227; US 2005042076 A1 20050224; US 7155913 B2 20070102

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