

Title (en)

Gas turbine annular combustion chamber with improved inner support flange

Title (de)

Ringbrennkammer für Gasturbine mit verbessertem inneren Halteflansch

Title (fr)

Chambre de combustion annulaire de turbomachine à bride interne de fixation améliorée

Publication

EP 1593913 B1 20161116 (FR)

Application

EP 05290623 A 20050322

Priority

FR 0403924 A 20040415

Abstract (en)

[origin: EP1593913A1] The chamber has inner annular and outer annular walls (4a, 4b) united by a transverse wall (4c). The annular walls are extended at their downstream ends by inner and outer fastener flanges fastened respectively to inner and outer shells of a casing. The inner flange has a set of air feed holes to feed cooling air to a high pressure turbine. The holes are distributed circumferentially over two rows in a staggered configuration.

IPC 8 full level

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CPC (source: EP US)

F23R 3/50 (2013.01 - EP US); **F23R 3/60** (2013.01 - EP US)

Cited by

EP2107307A1; FR2929689A1; FR2944062A1; FR2890156A1; EP1760404A1; US7568350B2

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