

Title (en)

Suspension for an annular gas turbine combustor

Title (de)

Aufhängung einer ringförmigen Gasturbinen-Brennkammer

Title (fr)

Suspension d'une chambre de combustion annulaire de turbine à gaz

Publication

EP 0909924 A3 20000802 (DE)

Application

EP 98117869 A 19980921

Priority

DE 19745683 A 19971016

Abstract (en)

[origin: EP0909924A2] The suspension is positioned in the outlet (4) part of the annular gas turbine combustion chamber (1) on a housing wall (7) by means of an annular bent arm structure (8) attached to the outer combustion chamber wall (9a). The arm has an outer and inner arm (8a,8b) in relation to the gas turbine's longitudinal axis (11). A flange (8c) fixed to the housing wall by means of a detachable connection (12) is attached to the outer arm (8b). At least one of the arms has passages (13) distributed over its periphery.

IPC 1-7

F23R 3/60; **F23R 3/34**; **F23R 3/42**

IPC 8 full level

F01D 25/16 (2006.01); **F23R 3/34** (2006.01); **F23R 3/42** (2006.01); **F23R 3/60** (2006.01)

CPC (source: EP US)

F01D 25/164 (2013.01 - EP US); **F23R 3/60** (2013.01 - EP US); **F05B 2230/606** (2013.01 - US); **F05D 2230/642** (2013.01 - EP); **F23R 2900/03041** (2013.01 - EP US)

Citation (search report)

- [X] GB 1578474 A 19801105 - GEN ELECTRIC
- [X] DE 19600837 A1 19970717 - BMW ROLLS ROYCE GMBH [DE]
- [A] US 5323605 A 19940628 - ROBERTS JR HUBERT S [US], et al
- [A] EP 0519861 A1 19921223 - PRATT & WHITNEY CANADA [CA]
- [A] US 2702987 A 19550301 - RENE NICOLIN CURT
- [A] EP 0521687 A1 19930107 - GEN ELECTRIC [US]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0909924 A2 19990421; **EP 0909924 A3 20000802**; **EP 0909924 B1 20030716**; DE 19745683 A1 19990422; DE 59809015 D1 20030821; US 6131384 A 20001017

DOCDB simple family (application)

EP 98117869 A 19980921; DE 19745683 A 19971016; DE 59809015 T 19980921; US 13457898 A 19980814