

Title (en)
Plenum for a combustor

Title (de)
Luftsammelraum für eine Brennkammer

Title (fr)
Boîtier répartiteur d'air pour chambre de combustion

Publication
EP 0899510 A3 20000705 (DE)

Application
EP 98810828 A 19980821

Priority
DE 19737997 A 19970830

Abstract (en)
[origin: EP0899510A2] The gas flows (1,2), after coming together, are directed away from the inner wall (3) as a free current (7). On the inner wall is provided at least one flow blocking device (11) orientated towards the gas flows. It takes the form of an orthogonal rib raised from the inner wall, the width and height of which are equal. In the collection chamber is a burner which has an inlet aperture, in which the free gas flow can be introduced. The inner wall in the area of the flow inlets (4,5) is provided with devices for reduction of the flow speed of the incoming gas current.

IPC 1-7
F23R 3/04; **F23C 7/00**

IPC 8 full level
F23R 3/16 (2006.01); **F23C 7/00** (2006.01); **F23R 3/04** (2006.01); **F23R 3/12** (2006.01)

CPC (source: EP US)
F23C 7/00 (2013.01 - EP US); **F23R 3/12** (2013.01 - EP US); **F23C 2900/07002** (2013.01 - EP US)

Citation (search report)

- [A] GB 704468 A 19540224 - GASTURBINE MIJ N V
- [A] GB 1289523 A 19720920
- [A] US 3754393 A 19730828 - HANDA N
- [A] GB 2296562 A 19960703 - ABB MANAGEMENT AG [CH]
- [A] DE 767313 C 19520523 - DAIMLER BENZ AG
- [A] CH 343569 A 19591231 - LUCAS INDUSTRIES LTD [GB]

Designated contracting state (EPC)
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