

Title (en)
COMBUSTION CHAMBER AND GAS TURBINE PLANT

Title (de)
BRENNKAMMER UND GASTURBINENANLAGE

Title (fr)
CHAMBRE DE COMBUSTION ET TURBINE À GAZ

Publication
EP 1934523 B1 20141029 (DE)

Application
EP 06793722 A 20060921

Priority

- EP 2006066602 W 20060921
- EP 05021085 A 20050927
- EP 06793722 A 20060921

Abstract (en)
[origin: EP1767855A1] A gas turbine engine has a combustion unit (1) whose chamber (2) has an open annular gap (29) surrounded by a burner ring insert (3). The burner ring insert has a lip seal (7) located above a conical ring and flange (9). A flow of cooling air passes between the lip seal (7) and burner insert (9). The cold air passage converges into the gap (29) between the burner (1) and burner insert (3) and the passage is further sealed against the burner chamber (2). Also claimed is a commensurate gas turbine engine.

IPC 8 full level
F23D 14/78 (2006.01); **F23R 3/60** (2006.01)

CPC (source: EP US)
F23D 14/78 (2013.01 - EP US); **F23R 3/10** (2013.01 - EP US); **F23R 3/60** (2013.01 - EP US)

Cited by
DE102019217983A1; WO2021099055A1

Designated contracting state (EPC)
CH DE GB IT LI

DOCDB simple family (publication)
EP 1767855 A1 20070328; EP 1934523 A1 20080625; EP 1934523 B1 20141029; US 2009133378 A1 20090528; US 8393161 B2 20130312; WO 2007036486 A1 20070405

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