

Title (en)

Shell for a Combustion Chamber, Gas Turbine and Method for Powering up and down a Gas Turbine.

Title (de)

Brennkammerschale, Gasturbinenanlage und Verfahren zum An- oder Abfahren einer Gasturbinenanlage

Title (fr)

Coquille de turbine à gaz, turbine à gaz et procédé de démarrage et d'arrêt d'une turbine à gaz

Publication

**EP 1724526 A1 20061122 (DE)**

Application

**EP 05010539 A 20050513**

Priority

EP 05010539 A 20050513

Abstract (en)

The combustion chamber wall (54) has an outlet end (59) enclosing a combustion chamber outlet for hot combustion gases. The outlet end has a temperature control device with fluid channels (60, 61) connected to a temperature control fluid feed. The temperature control fluid feed is configured to deliver at least some of the compressor material flow. Independent claims are also included for the following: (A) a gas turbine installation (B) and a method of starting or shutting down a gas turbine installation.

IPC 8 full level

**F23M 5/08** (2006.01); **F23R 3/00** (2006.01)

CPC (source: EP US)

**F23M 5/085** (2013.01 - EP US); **F23R 3/002** (2013.01 - EP US); **F23R 3/50** (2013.01 - EP US); **F23R 3/60** (2013.01 - EP US)

Citation (search report)

- [X] EP 1528322 A2 20050504 - UNITED TECHNOLOGIES CORP [US]
- [X] US 4480436 A 19841106 - MACLIN HARVEY M [US]
- [X] US 4901522 A 19900220 - COMMARET PATRICE [FR], et al
- [A] EP 1239117 A2 20020911 - MITSUBISHI HEAVY IND LTD [JP]
- [A] WO 9813645 A1 19980402 - SIEMENS AG [DE], et al

Cited by

EP2442033A1; EP2442032A1; EP2119966A1; US7726019B2; US7827777B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

**EP 1724526 A1 20061122**; EP 1880140 A1 20080123; US 2009094986 A1 20090416; US 8091364 B2 20120110; WO 2006120204 A1 20061116

DOCDB simple family (application)

**EP 05010539 A 20050513**; EP 06755116 A 20060510; EP 2006062181 W 20060510; US 92039706 A 20060510