

Title (en)

Method for operating a two stage gas turbine combustion chamber

Title (de)

Verfahren zum Betrieb einer zwei-stufigen Gasturbinen-Brennkammer

Title (fr)

Procédé de commande d'une chambre de combustion à deux étage d'une turbine à gaz

Publication

EP 2677239 A1 20131225 (EN)

Application

EP 12172629 A 20120619

Priority

EP 12172629 A 20120619

Abstract (en)

The disclosure refers to a method for operating a combustion device (1). The combustion device (1) includes a combustion chamber (2), a first fuel supply (3) connected to the combustion chamber (2) and a second fuel supply (4) connected to the combustion chamber (2). The first fuel supply (3) is upstream of the second fuel supply (4). The method comprises injecting a fuel via the first supply (3) and combusting it generating a flame (7) having a first temperature and injecting a fuel via the second supply (4) and combusting it generating a flame (8) having a second temperature. The second temperature is higher than the first temperature.

IPC 8 full level

F23R 3/28 (2006.01); **F23R 3/34** (2006.01)

CPC (source: EP)

F23R 3/286 (2013.01); **F23R 3/346** (2013.01); **F23C 2900/07002** (2013.01)

Citation (applicant)

EP 2434222 A1 20120328 - ALSTOM TECHNOLOGY LTD [CH]

Citation (search report)

- [X] GB 2010408 A 19790627 - GEN ELECTRIC
- [X] GB 2003554 A 19790314 - SNECMA
- [I] WO 9627766 A1 19960912 - BMW ROLLS ROYCE GMBH [DE], et al

Cited by

CN105952542A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2677239 A1 20131225

DOCDB simple family (application)

EP 12172629 A 20120619