

Title (en)

SECOND-STAGE COMBUSTOR FOR A SEQUENTIAL COMBUSTOR OF A GAS TURBINE

Title (de)

ZWEITE- STUFE- KOMBINATIONSKAMMER FÜR EINE SEQUENTIELLE VERBRENNUNGSKAMMER EINER GASTURBINE

Title (fr)

CHAMBRE DE COMBUSTION DE DEUXIÈME ÉTAPE POUR UNE CHAMBRE DE COMBUSTION SÉQUENTIELLE D'UN TURBINE À GAZ

Publication

**EP 3367001 A1 20180829 (EN)**

Application

**EP 17158577 A 20170228**

Priority

EP 17158577 A 20170228

Abstract (en)

A second-stage combustor for a sequential combustor of a gas turbine, includes: a burner (20); a combustion chamber (21) extending along a flow direction downstream of the burner (20), wherein the burner (20) and the combustion chamber (21) form a flow channel (15) and a downstream flame location (33) and an upstream flame location (34) are defined within the combustion chamber (21); and a downstream flame stabilizer (35) at the downstream flame location (33).

IPC 8 full level

**F23R 3/34** (2006.01); **F23C 6/00** (2006.01); **F23C 6/04** (2006.01)

CPC (source: CN EP)

**F23C 6/00** (2013.01 - EP); **F23C 6/042** (2013.01 - EP); **F23R 3/20** (2013.01 - EP); **F23R 3/346** (2013.01 - EP); **F23R 3/42** (2013.01 - CN); **F23D 2207/00** (2013.01 - EP); **F23R 2900/00002** (2013.01 - EP); **F23R 2900/03341** (2013.01 - EP)

Citation (search report)

- [X] GB 2287312 A 19950913 - TOSHIBA KK [JP]
- [XAI] EP 3015772 A1 20160504 - ALSTOM TECHNOLOGY LTD [CH]

Cited by

EP4394253A1

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)

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DOCDB simple family (application)

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