

Title (en)

COMBUSTION CHAMBER COMPRISING A PASSAGE SECTION OF A FLAME TUBE, WHICH IS MODIFIED, PARTICULARLY FOR A TURBINE DESIGNED TO GENERATE POWER, PARTICULARLY ELECTRICAL POWER

Title (de)

BRENNKAMMER MIT EINEM DURCHGANGSABSCHNITT EINES FLAMMROHRS, DAS MODIFIZIERT IST; INSBESONDERE FÜR EINE TURBINE ZUR ERZEUGUNG VON LEISTUNG, INSBESONDERE ELEKTRISCHEM STROM

Title (fr)

CHAMBRE DE COMBUSTION COMPRENANT UNE SECTION DE PASSAGE D'UN TUBE A FLAMME MODIFIEE NOTAMMENT POUR UNE TURBINE DESTINEE A LA PRODUCTION D'ENERGIE, NOTAMMENT D'ENERGIE ELECTRIQUE

Publication

EP 3830486 A1 20210609 (FR)

Application

EP 19734807 A 20190701

Priority

- FR 1857060 A 20180730
- EP 2019067601 W 20190701

Abstract (en)

[origin: WO2020025234A1] The invention relates to a combustion chamber (18) of a turbine, particularly a thermodynamic cycle turbine with recuperator, for generating power and particularly electrical power, comprising a casing (112) with a means (152) for injecting at least one combustible fuel, and an intake (132) for hot compressed air and fuel, and a flame holder (154). According to the invention, the flame tube (122) comprises a zone (200, 201) in which the section of said flame tube (122) narrows.

IPC 8 full level

F23R 3/04 (2006.01); **F23R 3/06** (2006.01); **F23R 3/18** (2006.01)

CPC (source: EP)

F23R 3/06 (2013.01); **F23R 3/18** (2013.01)

Citation (search report)

See references of WO 2020025234A1

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)

FR 3084450 A1 20200131; **FR 3084450 B1 20200731**; EP 3830486 A1 20210609; WO 2020025234 A1 20200206

DOCDB simple family (application)

FR 1857060 A 20180730; EP 19734807 A 20190701; EP 2019067601 W 20190701