

Title (en)
BURNER ASSEMBLY FOR A GAS TURBINE PLANT, GAS TURBINE PLANT COMPRISING SAID BURNER ASSEMBLY AND METHOD FOR OPERATING SAID PLANT

Title (de)
BRENNERANORDNUNG FÜR EINE GASTURBINENANLAGE, GASTURBINENANLAGE MIT BESAGTER BRENNERANORDNUNG UND VERFAHREN ZUM BETRIEB DER BESAGTEN ANLAGE

Title (fr)
ENSEMBLE BRÛLEUR DESTINÉ À UNE INSTALLATION DE TURBINE À GAZ, INSTALLATION DE TURBINE À GAZ COMPRENANT LEDIT ENSEMBLE BRÛLEUR ET PROCÉDÉ POUR FAIRE FONCTIONNER LADITE INSTALLATION

Publication
EP 3336431 B1 20190918 (EN)

Application
EP 17207844 A 20171215

Priority
IT 201600127713 A 20161216

Abstract (en)
[origin: EP3336431A1] A burner assembly for a combustion chamber (4) of a gas turbine plant (1) extending along an axis (B) is provided with a main burner (13), which is supplied with a main air flow rate (QAp) and with a main fuel flow rate (QCp) and is configured to create a main combustion area; a secondary burner (14), which is supplied with a secondary air flow rate (QAs) and a secondary fuel flow rate (QCs) and is configured to create at least one secondary combustion area; the secondary burner (14) extending substantially along the axis (B) and the main burner (13) extending around the secondary burner (14) parallel to the axis (B); the main burner (13) being provided with at least one main detecting device (25; 124; 224) configured to detect the current main air flow rate (QAp); the secondary burner (14) being provided with at least one secondary detecting device (40; 130) configured to detect the current secondary air flow rate (QAs).

IPC 8 full level
F23N 1/00 (2006.01); **F23D 23/00** (2006.01); **F23R 3/14** (2006.01)

CPC (source: CN EP)
F23D 14/02 (2013.01 - EP); **F23D 23/00** (2013.01 - EP); **F23N 1/002** (2013.01 - EP); **F23R 3/14** (2013.01 - EP); **F23R 3/286** (2013.01 - CN EP); **F23D 2206/10** (2013.01 - EP)

Cited by
FR3127988A1; FR3127987A1; WO2023057722A1

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

DOCDB simple family (publication)
EP 3336431 A1 20180620; EP 3336431 B1 20190918; CN 108204603 A 20180626; CN 108204603 B 20201030; IT 201600127713 A1 20180616

DOCDB simple family (application)
EP 17207844 A 20171215; CN 201711350515 A 20171215; IT 201600127713 A 20161216