

Title (en)

Operating Method for a Combustion Apparatus

Title (de)

Betriebsverfahren für eine Feuerungsanlage

Title (fr)

Procédé de fonctionnement pour un dispositif de combustion

Publication

EP 1621811 A1 20060201 (DE)

Application

EP 05106361 A 20050712

Priority

DE 102004036911 A 20040729

Abstract (en)

A power station gas turbine engine has a burner chamber (1) with a number of flame burners (2). Fuel to the burner is regulated in accordance with a target pressure that is proportional to the pulse pressure (P). The mixture is enriched on reaching a predetermined target pressure.

IPC 8 full level

F23D 14/72 (2006.01); **F23M 20/00** (2014.01); **F23R 3/28** (2006.01)

CPC (source: EP US)

F23R 3/34 (2013.01 - EP US); **F23R 3/50** (2013.01 - EP US); **F23C 2900/06042** (2013.01 - EP US); **F23N 5/16** (2013.01 - EP US); **F23N 2241/20** (2020.01 - EP US); **F23R 2900/00013** (2013.01 - EP US)

Citation (search report)

- [XA] DE 19636093 A1 19980312 - SIEMENS AG [DE]
- [XA] EP 1286031 A1 20030226 - MITSUBISHI HEAVY IND LTD [JP]
- [X] DE 10104151 A1 20020905 - ALSTOM SWITZERLAND LTD [CH]
- [X] EP 1327824 A1 20030716 - ABB SCHWEIZ AG [CH]
- [E] WO 2005093326 A2 20051006 - ALSTOM TECHNOLOGY LTD [CH], et al

Cited by

EP1840464A1; US8434311B2; US7901203B2

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1621811 A1 20060201; **EP 1621811 B1 20070912**; AT E373206 T1 20070915; DE 102004036911 A1 20060323; DE 502005001467 D1 20071025; US 2006040225 A1 20060223; US 7513117 B2 20090407

DOCDB simple family (application)

EP 05106361 A 20050712; AT 05106361 T 20050712; DE 102004036911 A 20040729; DE 502005001467 T 20050712; US 18550005 A 20050720