

Title (en)

METHOD FOR OPERATING A BURNER AND BURNER ARRANGEMENT

Title (de)

VERFAHREN ZUM BETRIEB EINES BRENNERS UND BRENNERANORDNUNG

Title (fr)

PROCEDE POUR FAIRE FONCTIONNER UN BRULEUR, ET ENSEMBLE BRULEUR CORRESPONDANT

Publication

EP 1112461 A1 20010704 (DE)

Application

EP 99968703 A 19990831

Priority

- DE 9902713 W 19990831
- DE 19841424 A 19980910

Abstract (en)

[origin: WO0014451A1] In order to regulate the output of a burner arrangement, especially a gas turbine, the opening angle (O) of an actuator (19) in a fuel supply line (15) is calculated and used immediately. This enables output to be regulated in a variable and operationally reliable manner.

IPC 1-7

F23K 5/00; F23D 17/00; F23D 11/16; F23N 1/00

IPC 8 full level

F02C 9/28 (2006.01); F23D 11/16 (2006.01); F23D 17/00 (2006.01); F23K 5/00 (2006.01); F23N 1/00 (2006.01); F23N 5/00 (2006.01); F23N 1/02 (2006.01)

CPC (source: EP US)

F23D 11/16 (2013.01 - EP US); F23D 17/002 (2013.01 - EP US); F23K 5/00 (2013.01 - EP US); F23N 1/002 (2013.01 - EP US); F23N 1/02 (2013.01 - EP US); F23N 2221/10 (2020.01 - EP US); F23N 2225/04 (2020.01 - EP US); F23N 2235/16 (2020.01 - EP US); F23N 2237/08 (2020.01 - EP US); F23N 2237/22 (2020.01 - EP US)

Citation (search report)

See references of WO 0014451A1

Cited by

DE102009026881A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0014451 A1 20000316; DE 59909192 D1 20040519; EP 1112461 A1 20010704; EP 1112461 B1 20040414; JP 2002524715 A 20020806; JP 4331406 B2 20090916; US 2001023578 A1 20010927; US 6490867 B2 20021210

DOCDB simple family (application)

DE 9902713 W 19990831; DE 59909192 T 19990831; EP 99968703 A 19990831; JP 2000569162 A 19990831; US 80432601 A 20010312