

Title (en)

Combustion device and method for controlling a combustion device

Title (de)

Verbrennungseinrichtung und Verfahren zum Steuern einer Verbrennungseinrichtung.

Title (fr)

Dispositif de combustion et procédé de commande d'un dispositif de combustion

Publication

**EP 1176364 B1 20060913 (DE)**

Application

**EP 01202810 A 20010723**

Priority

NL 1015797 A 20000725

Abstract (en)

[origin: EP1176364A1] The combustion system has a control unit (3) installed to adjust the flow passage of a restrictor unit (15) on the basis of a flow passage change effected by the control unit and change ensuing from it of an ionization signal generated by an ionizing measurement device (2). To adjust the flow passage of the restrictor the control unit measures a first value of the ionizing signal with a first setting of the restrictor flow passage, and a second value with a second setting different from the first. An Independent claim is included for a procedure for the control of a combustion unit to burn a gas and air mixture.

IPC 8 full level

**F23N 5/12** (2006.01); **F23N 1/02** (2006.01); **F23N 1/10** (2006.01)

CPC (source: EP)

**F23N 1/027** (2013.01); **F23N 5/123** (2013.01); **F23N 2225/30** (2020.01); **F23N 2227/20** (2020.01); **F23N 2235/06** (2020.01); **F23N 2235/16** (2020.01); **F23N 2235/18** (2020.01)

Cited by

DE102012023606B4; DE102012023606A1; CN103797303A; AU2012307584B2; EA026975B1; EP3228936A1; EP2014985A3; WO2013037669A1; EP1519114A1; NL1024388C2; US10520186B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 1176364 A1 20020130**; **EP 1176364 B1 20060913**; DE 50110987 D1 20061026; NL 1015797 C2 20020128

DOCDB simple family (application)

**EP 01202810 A 20010723**; DE 50110987 T 20010723; NL 1015797 A 20000725