

Title (en)

Combustion system, in particular system for regulating a combustion system according to its ventilation or exhaust actual conditions

Title (de)

Feuerungsanlage, insbesondere System zur lufttechnischen bzw. abgastechnischen Regelung einer Feuerungsanlage

Title (fr)

Installation de combustion, en particulier système de réglage d'une installation de combustion selon ses conditions de ventilation ou d'échappement de gaz de combustion

Publication

EP 1698828 A3 20091125 (DE)

Application

EP 06002373 A 20060206

Priority

DE 102005009017 A 20050228

Abstract (en)

[origin: EP1698828A2] The system has a combustion chamber (1) having an attached exit gas line arrangement (3, 5) for exhaust gases. A controllable mechanism (7, 17, 23, 29, 33, 64) influences operating conditions of the combustion chamber. A flow measuring instrument (35) is provided to record the exhaust gas flow in the exit gas line arrangement. The control equipment (53) in addition steers the mechanism to influence the operating conditions of the combustion chamber in accordance with the condition of the measurement effects of the flow measuring instrument. An independent claim is included for a method.

IPC 8 full level

F23N 5/00 (2006.01); **F23N 5/18** (2006.01); **F23N 5/24** (2006.01)

CPC (source: EP)

F23N 5/003 (2013.01); **F23N 5/187** (2013.01); **F23N 5/245** (2013.01)

Citation (search report)

- [XY] DE 29906303 U1 19990805 - KASCHUETZ GES M B H [AT]
- [X] DE 19847448 A1 19990422 - VAILLANT JOH GMBH & CO [DE]
- [X] EP 1333227 A2 20030806 - BOSCH GMBH ROBERT [DE]
- [X] EP 0409790 A1 19910123 - HAGER WILLI [CH]
- [X] US RE30936 E 19820518
- [XP] DE 202004020320 U1 20050421 - BBT THERMOTECHNIK GMBH [DE]
- [DY] DE 19623174 C1 19971127 - TRILOG THERMOTECHNIK GMBH [DE]
- [DA] WO 0022457 A1 20000420 - TRILOG THERMOTECHNIK GMBH [DE], et al
- [A] EP 1118816 A2 20010725 - SPIESS OFENTECHNIK AG [CH]
- [A] US 6257871 B1 20010710 - WEISS CORY A [US], et al
- [E] US 2009215375 A1 20090827 - HAGENSTEEN [US]

Cited by

ITPN20100024A1; EP3045813A1; BE1022691B1

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1698828 A2 20060906; EP 1698828 A3 20091125; DE 102005009017 A1 20060831

DOCDB simple family (application)

EP 06002373 A 20060206; DE 102005009017 A 20050228