

Title (en)
Combustion control system

Title (de)
Verbrennungssteueranlage

Title (fr)
Système de commande de combustion

Publication
EP 0778448 B1 20010801 (EN)

Application
EP 96118964 A 19961127

Priority
JP 31819695 A 19951206

Abstract (en)
[origin: EP0778448A2] A prior art combustion control system fails to accurately detect firing by deterioration of an ultraviolet sensor and to decide a suitable maintenance/checking timing. According to a combustion control system of the present invention, a flow velocity detector detects a flow velocity of a combustion air or a fuel gas supplied into a combustion chamber and a combustion controller decides whether a firing state is normal or abnormal on the basis of a decelerated state of the flow velocity detected by the flow velocity detector upon ignition operation of the combustion chamber. <IMAGE>

IPC 1-7
F23N 5/18; **F23N 5/24**

IPC 8 full level
G01F 1/68 (2006.01); **F23N 5/18** (2006.01); **F23N 5/24** (2006.01); **G01F 1/692** (2006.01); **F23N 5/20** (2006.01)

CPC (source: EP)
F23N 5/184 (2013.01); **F23N 5/242** (2013.01); **F23N 5/20** (2013.01); **F23N 2227/36** (2020.01)

Cited by
EP3396248A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0778448 A2 19970611; **EP 0778448 A3 19990224**; **EP 0778448 B1 20010801**; CN 1158956 A 19970910; CN 1167899 C 20040922; DE 69614230 D1 20010906; DE 69614230 T2 20020508; JP 3366516 B2 20030114; JP H09159160 A 19970620

DOCDB simple family (application)
EP 96118964 A 19961127; CN 96121889 A 19961205; DE 69614230 T 19961127; JP 31819695 A 19951206