

Title (en)
Regulating device for a burner assembly

Title (de)
Regeleinrichtung für eine Brenneranlage

Title (fr)
Dispositif de réglage pour une installation de brûleur

Publication
EP 2466204 B1 20131113 (DE)

Application
EP 10195526 A 20101216

Priority
EP 10195526 A 20101216

Abstract (en)
[origin: EP2466204A1] The control device has actuator that adjusts supply of air and fuel to a burner. An ionization electrode (2) is arranged in flame region. A flame amplifier (3) is arranged to provide ionization signal (4) to adjusting device (5) to control actuators (6,7) in normal operation. The actuators are controlled by adjusting device such that the air supply ratio is set to predefined stoichiometric value.

IPC 8 full level
F23N 5/12 (2006.01)

CPC (source: EP US)
F23N 5/12 (2013.01 - EP US); **F23N 5/123** (2013.01 - EP US)

Citation (examination)
EP 1293727 A1 20030319 - SIEMENS BUILDING TECH AG [CH]

Cited by
EP4119847A1; EP3045816A1; EP3825610A1; DE102019107367A1; DE102017204021A1; DE102019119214A1; DE102019119186A1; DE102019131577A1; US10054309B2; EP3290800B1; EP3690318A2; EP3712501A1; DE102020129816A1; EP4023941A2; EP3382277A1; US11231174B2; EP3988844A1; DE102020127558A1; DE102020127558B4; EP3767174A1; EP3869099A1; DE102020104210A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2466204 A1 20120620; EP 2466204 B1 20131113; CA 2762751 A1 20120616; CA 2762751 C 20160712; DK 2466204 T3 20140113; ES 2441226 T3 20140203; JP 2012127644 A 20120705; JP 5602714 B2 20141008; PL 2466204 T3 20140430; US 2012156628 A1 20120621; US 9651255 B2 20170516

DOCDB simple family (application)
EP 10195526 A 20101216; CA 2762751 A 20111214; DK 10195526 T 20101216; ES 10195526 T 20101216; JP 2011274676 A 20111215; PL 10195526 T 20101216; US 201113328056 A 20111216