

Title (en)

Method of adjusting the air/fuel ratio for a gas fired burner

Title (de)

Verfahren zur Brenngas-Luft-Einstellung für einen brenngasbetriebenen Brenner

Title (fr)

Procédé de réglage du rapport air/carburant d'un brûleur fonctionnant au gaz

Publication

EP 2014985 B1 20170524 (DE)

Application

EP 08012196 A 20080707

Priority

AT 10992007 A 20070713

Abstract (en)

[origin: EP2014985A2] The setting process for the burner (1) is monitored by an ionization electrode (3), the signal of which may be measured directly or indirectly. During operation, the mixture is weakened and the ionization signal is continuously measured, A signal gradient is formed. If this is exceeded, the weakening of the mixture is ended and the mixtures setting is thus defined.

IPC 8 full level

F23N 5/12 (2006.01)

CPC (source: EP)

F23N 5/123 (2013.01)

Cited by

AU2019325272B2; EP3290801A1; CN111486473A; EP2405198A1; EP3825623A1; DE102019003451A1; DE102019119214A1; EP3690318A3; US11761629B2; WO2020038919A1; WO2012004211A3; WO2012041777A1; DE102019119186A1; EP3690318A2; DE102020129816A1; EP4023941A2; EP3767174A1

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DOCDB simple family (publication)

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