

Title (en)

Gas fuel driven burner with regulating device and method for regulating the fuel-air ratio of the gas fuel driven burner

Title (de)

Brenngasbetriebener Brenner mit Regeleinrichtung und Verfahren zur Regelung des Brenngas-Luft-Verhältnisses des brenngasbetriebenen Brenners

Title (fr)

Brûleur entraîné par gaz combustible avec dispositif de régulation et procédé de régulation du rapport gaz combustible-air du brûleur entraîné par gaz combustible

Publication

EP 2363642 B1 20160831 (DE)

Application

EP 11001382 A 20110219

Priority

AT 3082010 A 20100301

Abstract (en)

[origin: EP2363642A1] The control device has a controlled blower (1), a combustion air pipe (3) which is connected with the blower, and a fuel gas line (4), in which a controlled fuel gas valve (2) is present. The fuel gas valve is opened in the combustion air pipe. The pressure receiving positions (7,8) receive the total pressure in the combustion air pipe and the fuel gas line. The pressure receiving positions are adjusted with its openings against the flow direction. An independent claim is also included for a method for controlling a fuel-powered burner.

IPC 8 full level

F23N 1/02 (2006.01); **F23N 5/18** (2006.01); **F23N 3/08** (2006.01)

CPC (source: EP)

F23N 1/022 (2013.01); **F23N 5/184** (2013.01); **F23N 1/02** (2013.01); **F23N 3/082** (2013.01); **F23N 2225/04** (2020.01); **F23N 2233/08** (2020.01); **F23N 2900/05181** (2013.01)

Cited by

ITMI20130013A1

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)

AT 509212 A4 20110715; AT 509212 B1 20110715; EP 2363642 A1 20110907; EP 2363642 B1 20160831

DOCDB simple family (application)

AT 3082010 A 20100301; EP 11001382 A 20110219