

Title (en)  
AN ADJUSTABLE GAS BURNER

Title (de)  
EINSTELLBARER GASBRENNER

Title (fr)  
BRÛLEUR À GAZ RÉGLABLE

Publication  
**EP 3376104 A1 20180919 (EN)**

Application  
**EP 17161313 A 20170316**

Priority  
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Abstract (en)  
The present invention refers to an adjustable gas burner assembly comprising of a gas burner (107), an input mechanism (101), a central controller (102) and a gas intake unit (103). The gas burner assembly includes a plurality of outlets (105) and a plurality gas flow control mechanism (104). Further, the gas flow control mechanism (104) is connected to each outlet (105). The input mechanism (101) is configured to allow the user to provide input for adjusting gas flow rate around the gas burner (106). The central controller (102) is configured to provide control signal to the gas flow control mechanisms (104) based on the input mechanism (101). Further, the gas flow control mechanism (104) is configured to adjust the gas flow rates through the outlet (105) thereby adjusting gas flow rate around the gas burner (106).

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**F23D 14/06** (2013.01); **F24C 3/126** (2013.01); **F23D 2900/14063** (2013.01); **F24C 3/027** (2013.01)

Citation (applicant)  
US 2011151385 A1 20110623 - LONA SANTOYO JOSE ARTURO [MX], et al

Citation (search report)  
• [X] US 2005058959 A1 20050317 - FORTIN JEFFREY BERNARD [US], et al  
• [X] EP 2312212 A2 20110420 - BSH BOSCH SIEMENS HAUSGERAETE [DE]  
• [X] EP 2189719 A2 20100526 - BSH BOSCH SIEMENS HAUSGERAETE [DE]  
• [A] EP 2473784 A1 20120711 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

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