

Title (en)

FLAME IGNITION CONTROL DEVICE FOR BURNERS OR THE LIKE

Title (de)

FLAMMENZÜNDSTEUERUNGSVORRICHTUNG FÜR BRENNER ODER DERGLEICHEN

Title (fr)

DISPOSITIF DE COMMANDE D'ALLUMAGE DE FLAMME POUR BRÛLEURS OU SIMILAIRE

Publication

EP 3175176 A1 20170607 (EN)

Application

EP 15756694 A 20150722

Priority

- IT GE20140074 A 20140729
- IB 2015055558 W 20150722

Abstract (en)

[origin: WO2016016773A1] Flame ignition control device comprising flame adjustment means connectable to a gas supply source through at least one valve (2), which comprise a driving member composed of a driving shaft (1) mounted so as to rotate about its own longitudinal axis and mounted so as to translate in the direction of its own longitudinal axis, such to move between two extreme positions such to move from a maximum withdrawn condition to a maximum insertion condition respectively. There is further provided a control unit that comprises comprises two conductor elements (31, 32) connectable to an electric supply source and a switch, which switch has a closed condition, where the two conductor elements (31, 32) are connected with each other, and an open condition, where the two conductor elements (31, 32) are not connected with each other, said switch passing from the closed condition to the open condition by the movement of a member switching the condition of the switch, which switching member is moved by the translation of said driving shaft (1), such that the closed condition of said switch corresponds to the maximum insertion condition of said driving shaft (1). The switching member is provided coaxial to said driving shaft (1).

IPC 8 full level

F23N 1/00 (2006.01); **F24C 3/12** (2006.01); **H01H 3/42** (2006.01)

CPC (source: EP)

F23N 1/005 (2013.01); **F23N 1/007** (2013.01); **F24C 3/12** (2013.01); **F23N 2227/36** (2020.01); **F23N 2235/24** (2020.01); **H01H 3/42** (2013.01)

Citation (search report)

See references of WO 2016016773A1

Cited by

US2023296255A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016016773 A1 20160204; EP 3175176 A1 20170607; EP 3175176 B1 20191002; ES 2762711 T3 20200525; PL 3175176 T3 20200518

DOCDB simple family (application)

IB 2015055558 W 20150722; EP 15756694 A 20150722; ES 15756694 T 20150722; PL 15756694 T 20150722