

Title (en)

Mounting assembly for pilot burner comprising a gas nozzle, an ignition electrode and/or a flame sensor

Title (de)

Haltevorrichtung für Gasdüse, Zündelektrode und/oder Flammenfühler eines Zündbrenners

Title (fr)

Dispositif de support pour buse à gaz, électrode d'allumage et/ou détecteur de flamme d'un brûleur pilote

Publication

EP 0727614 A3 19980218 (DE)

Application

EP 96102061 A 19960213

Priority

DE 19505218 A 19950216

Abstract (en)

[origin: DE19505218C1] The support holder for the gas nozzle (3), electrode (2) and/or flame sensor (1) is a single U-shaped spring plate (5) whose centre web (6) is fixed on a frame and whose two arms (13,14,15) have opposing openings (9,10,11,16,17,18) for passing through at least two of the components (1,2,3). Each of the cylindrical components has a stop collar (22,23,24) for support against one arm after passing through the opening in the other arm. One arm is divided into at least two tongues (13,14,15) and at least one tongue is angled away from the centre web by an angle other than 90 deg. so that the edge of the through opening adjoining the component resiliently tensions the component with the support holder (5).

IPC 1-7

F23Q 9/04

IPC 8 full level

F23Q 9/04 (2006.01)

CPC (source: EP)

F23Q 9/04 (2013.01)

Citation (search report)

- [X] US 3441450 A 19690429 - FROMMEL GERHARD
- [A] GB 984188 A 19650224 - ROBERTSHAW CONTROLS CO
- [A] DE 1629906 A1 19710128 - JUNKERS & CO

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 19505218 C1 19951221; DE 59604143 D1 20000217; EP 0727614 A2 19960821; EP 0727614 A3 19980218; EP 0727614 B1 20000112

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