

Title (en)
Device for mounting a burner in a gas duct

Title (de)
Vorrichtung zur Montage eines Brenners in einer Gasleitung

Title (fr)
Dispositif de montage de brûleurs à l'intérieur d'un conduit de gaz

Publication
EP 0862018 B1 20001129 (FR)

Application
EP 98430005 A 19980220

Priority
FR 9702586 A 19970227

Abstract (en)
[origin: EP0862018A1] The apparatus comprises a fuel injection tube (3) with its tip located in the head (2) of the burner along an axis parallel to that of the duct. The injection tube is situated inside a sleeve (6) which delivers air from outside the duct to the burner head, to which it is fixed, and is situated transversely relative to the axis of the duct. The tip of the tube, situated at the end of a bend in the tube, can be moved along the axis of the duct in relation to a guide aperture in the head. The tube itself can be completely removed from the duct, and is linked to a rotary shaft (8) with a pinion (92) on its end engaging with a rack (10) on the end of the sleeve.

IPC 1-7
F23C 5/02; **F23C 5/06**

IPC 8 full level
F23C 5/02 (2006.01); **F23C 5/06** (2006.01); **F23D 14/24** (2006.01); **F23D 17/00** (2006.01)

CPC (source: EP KR US)
F23C 5/02 (2013.01 - EP US); **F23C 5/06** (2013.01 - EP US); **F23D 14/24** (2013.01 - EP US); **F23D 17/002** (2013.01 - EP US);
F24H 3/00 (2013.01 - KR)

Designated contracting state (EPC)
AT DE ES GB IT NL

DOCDB simple family (publication)
EP 0862018 A1 19980902; **EP 0862018 B1 20001129**; AT E197843 T1 20001215; DE 69800407 D1 20010104; DE 69800407 T2 20010523;
ES 2152741 T3 20010201; FR 2760071 A1 19980828; FR 2760071 B1 19990528; KR 100360521 B1 20030225; KR 19980071837 A 19981026;
US 5984666 A 19991116

DOCDB simple family (application)
EP 98430005 A 19980220; AT 98430005 T 19980220; DE 69800407 T 19980220; ES 98430005 T 19980220; FR 9702586 A 19970227;
KR 19980006463 A 19980227; US 3271798 A 19980227