Title (en)

A coaxial coupling of the thermocouple to the magnetic group controlling gas flow in burners.

Title (de)

Koaxiale Verbindung eines Thermoelements von einen Gasregler für einen Brenner.

Title (fr)

Connexion coaxide d'un thermocouple d'une commande de gaz d'un brûleur.

Publication

EP 0619460 A1 19941012 (EN)

Application

EP 94500043 A 19940303

Priority

ES 9300894 U 19930331

Abstract (en)

The said coupling is fitted at the end of the tube or bipolar electric conductor with a heat insulating head (1) within which there is provided an axial housing for a female terminal (8) terminating the lead wire (9) that lies at the centre of the thermocouple tube, the said head being covered with a metallic sheath (4) that in turn establishes electric continuity with the metallic sheath of the coaxial conductor or tube, which is the electric earth (2) in the thermocouple. It has been specifically designed to electrically connect a thermocouple to the respective magnetic group in a gas tap. <IMAGE>

IPC 1-7

F23N 5/10

IPC 8 full level

F23N 5/10 (2006.01)

CPC (source: EP)

F23N 5/107 (2013.01); **H01R 24/38** (2013.01); F23N 2900/05101 (2013.01)

Citation (search report)
- [A] US 2503459 A 19500411 - THORNBERY JOHN H
- [A] US 2379712 A 19450703 - HILDEBRECHT CHARLES V

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WO2013021340A1; WO2013021321A1; WO2012001716A1; WO03085324A1; US9350117B2; EP1669673A4; US5967766A; EP0691510A1; ITTO20110738A1; CN103828141A; CN102405562A; EP1036987A3; CN104466522A; RU2653167C2; WO2004088205A2; WO2007019885A1; WO2004088205A3; WO2005078347A1; WO2016162173A1; US9236693B2; EP1063474A1; EP1036987A2; US9285119B2; DE202014105639U1; EP3163168A1; IT201900016022A1; EP2802042A1

Designated contracting state (EPC)

DE FR IT PT

DOCDB simple family (publication)

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EP 94500043 A 19940303; DE 69403720 T 19940303; ES 9300894 U 19930331