

Title (en)

Ionisation electrode for monitoring the combustion process of a burner especially a gas burner

Title (de)

Ionisationselektrode zur Überwachung des Verbrennungsprozesses eines Brenners, insbesondere eines Gasbrenners

Title (fr)

Electrode d'ionisation pour surveiller le processus de combustion d'un brûleur, notamment un brûleur à gaz

Publication

EP 0981026 A3 20030102 (DE)

Application

EP 99115647 A 19990807

Priority

DE 19837328 A 19980818

Abstract (en)

[origin: EP0981026A2] The gas jets (3) emit flames (8) surrounding an ionization electrode (7) which is attached to a stem (9) offset by a distance (a) at a distance (b) from the jets. An ionizing current is carried to a terminal in a bearing (5) which may be rotated in line with the burner flame height.

IPC 1-7

F23N 5/12

IPC 8 full level

F23N 5/12 (2006.01)

CPC (source: EP)

F23N 5/12 (2013.01)

Citation (search report)

- [A] SU 1218261 A1 19860315 - INST GAZA AN USSR [SU] & DATABASE WPI Derwent World Patents Index;
- [AD] DE 4433425 A1 19960321 - STIEBEL ELTRON GMBH & CO KG [DE]

Cited by

EP2385300A1; ITMI20100793A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0981026 A2 20000223; EP 0981026 A3 20030102; DE 19837328 A1 20000224

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