

Title (en)

Method and system for sealingly mounting a burner electrode

Title (de)

Verfahren und Vorrichtung für das abgedichtete Befestigen einer Brenner Elektrode

Title (fr)

Méthode et système d'assemblage étanche d'une électrode de brûleur

Publication

**EP 0930464 A3 20000419 (DE)**

Application

**EP 98121428 A 19981111**

Priority

DE 19801913 A 19980120

Abstract (en)

[origin: EP0930464A2] The burner electrode assembly has an electrode (1) fitted with a ceramics insulation body in a drilling in a holding plate (2). An elastic or pliable sealing ring is between the edge of the drilling and the ceramics body. The sealing ring is made of an elastomer material, preferably a temperature-resistant elastomer and especially polytetrafluoroethylene (PTFE), EPTM or silicone rubber. It can also be made of copper, or a copper alloy.

IPC 1-7

**F23Q 3/00**

IPC 8 full level

**F23Q 3/00** (2006.01)

CPC (source: EP)

**F23Q 3/006** (2013.01)

Citation (search report)

- [A] FR 2237131 A1 19750207 - SAUNIER DUVAL [FR]
- [A] GB 2083187 A 19820317 - NEFF WERKE
- [A] US 4527085 A 19850702 - BOHAN JR JOHN E [US], et al

Cited by

CN101929686A; CN106152182A; ITGE20100053A1; WO2005111500A3; US8233260B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0930464 A2 19990721; EP 0930464 A3 20000419; EP 0930464 B1 20030423**; DE 19801913 A1 19990722; DE 59808056 D1 20030528; ES 2195256 T3 20031201; SI 0930464 T1 20030831

DOCDB simple family (application)

**EP 98121428 A 19981111**; DE 19801913 A 19980120; DE 59808056 T 19981111; ES 98121428 T 19981111; SI 9830409 T 19981111