

Title (en)

Fuel gas admission device for a premix burner

Title (de)

Brenngas-Einleitungsvorrichtung für einen Gas-Vormischbrenner

Title (fr)

Dispositif d'admission du gaz combustible pour un brûleur à prémélange

Publication

**EP 0896191 A3 19991110 (DE)**

Application

**EP 98112693 A 19980709**

Priority

DE 19733769 A 19970805

Abstract (en)

[origin: EP0896191A2] The fuel feed assembly (10), to deliver mixed gas and air to a burner, passes the fuel gas (12) through openings (23) into an inflow chamber (18) for the air (11). The air is diverted into a spiral path (20) within the inflow chamber. The gas feed openings (23) are arranged round the rotating axis (22) of the spiral flow path (20).

IPC 1-7

**F23D 14/62**; **F23L 5/00**

IPC 8 full level

**F23D 14/62** (2006.01); **F23L 5/00** (2006.01)

CPC (source: EP)

**F23D 14/62** (2013.01); **F23L 5/00** (2013.01)

Citation (search report)

- [XY] FR 1141977 A 19570912
- [X] DE 3345611 A1 19850627 - BABCOCK WERKE AG [DE]
- [X] DE 1290650 B 19690313 - SCHOPPE, et al
- [Y] GB 1499213 A 19780125 - TRAPP C

Cited by

EP2442028A1; ITMI20101865A1; ITPD20100265A1; CN103201561A; AT412667B; KR100813366B1; EP1959194A1; EP2413031A1; JP2012026715A; CN102345877A; EP2278224A3; ITPD20090215A1; US10503181B2; US9657946B2; WO2009087050A3; WO2012028667A3; US9835265B2; WO2009087041A2; US9851103B2; US10851993B2; WO0229319A1; WO2009087041A3; WO2011047895A1; WO02061336A1; WO2012123207A3; US9052108B2; US9683674B2; US10215291B2; US10697815B2; US9645584B2; US10203049B2; US10422531B2; US11421875B2; US9995486B2; US10024439B2; US10697632B2; US9846440B2; US10564062B2; US9841122B2; US11073281B2; USD960321S

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**EP 0896191 A2 19990210**; **EP 0896191 A3 19991110**; **EP 0896191 B1 20010214**; AT E199180 T1 20010215; DE 19733769 A1 19990211; DE 19733769 C2 20030522; DE 59800469 D1 20010322; ES 2157103 T3 20010801; PT 896191 E 20010731

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