

Title (en)
Gas burner of the cold nozzle type.

Title (de)
Gasbrenner mit kalter Düse.

Title (fr)
Brûleur à gaz, de type à buse froide.

Publication
EP 0291372 B1 19931027 (FR)

Application
EP 88400962 A 19880420

Priority
FR 8706930 A 19870512

Abstract (en)
[origin: US4886446A] A gas burner of cold nozzle type is provided including an injection device for injecting a flow of a fuel gas mixture into a burner head, including successively: a pressure recovery chamber having a divergent profile, an ignition chamber having two parallel walls extended by two deflectors whose front edges form therebetween a passage of reduced width, and a diffusion grid forming a convex wall between said chambers. The front edges of the deflectors and said diffusion grid have substantially coaxial circular shapes.

IPC 1-7
F23D 14/08; **F23D 14/58**; **F23D 14/70**

IPC 8 full level
F23D 14/04 (2006.01); **F23D 14/08** (2006.01); **F23D 14/10** (2006.01); **F23D 14/58** (2006.01); **F23D 14/70** (2006.01)

CPC (source: EP US)
F23D 14/08 (2013.01 - EP US); **F23D 14/58** (2013.01 - EP US); **F23D 14/70** (2013.01 - EP US)

Cited by
EP0967435A1

Designated contracting state (EPC)
DE GB IT

DOCDB simple family (publication)
EP 0291372 A1 19881117; **EP 0291372 B1 19931027**; DE 291372 T1 19890330; DE 3885150 D1 19931202; DE 3885150 T2 19940317; FR 2615271 A1 19881118; FR 2615271 B1 19900316; JP H0467089 B2 19921027; JP S63286606 A 19881124; US 4886446 A 19891212

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EP 88400962 A 19880420; DE 3885150 T 19880420; DE 88400962 T 19880420; FR 8706930 A 19870512; JP 11374388 A 19880512; US 19347688 A 19880512