

Title (en)

GAS BURNER OF THE PREMIXING TYPE WITH FLAME CONTROL, AND USE OF THIS BURNER, ESPECIALLY IN A SUBMERGED TUBE INSTALLATION

Publication

**EP 0128809 B1 19880120 (FR)**

Application

**EP 84401101 A 19840529**

Priority

FR 8309468 A 19830608

Abstract (en)

[origin: US4583938A] A gas burner of the air and combustible gas mixture type includes a flame control cell mounted away from the actual flame. The control cell, by being located away from the actual flame, can monitor the operating conditions of the flame and, in response thereto, controls the flow of air and gas, the firing of the lighting electrode and the regulating of the gas intake valve. The control cell is further protected from the flame and any possible backfires by a pressure differential existing between the injected air and combustible gas mixture.

IPC 1-7

**F23D 14/72**; **F23D 14/08**

IPC 8 full level

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CPC (source: EP US)

**F23D 14/725** (2013.01 - EP US); **F23D 91/04** (2015.07 - EP US)

Cited by

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**EP 0128809 A2 19841219**; **EP 0128809 A3 19850814**; **EP 0128809 B1 19880120**; AT E32136 T1 19880215; CA 1235366 A 19880419; DE 3468931 D1 19880225; FR 2547394 A1 19841214; FR 2547394 B1 19870717; JP S6069427 A 19850420; US 4583938 A 19860422

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**EP 84401101 A 19840529**; AT 84401101 T 19840529; CA 455857 A 19840605; DE 3468931 T 19840529; FR 8309468 A 19830608; JP 11677384 A 19840608; US 61745784 A 19840605