

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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DOCDB simple family (application)

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