

Title (en)

IGNITION DEVICE FOR A HIGH-SPEED BURNER WITH A COLD NOZZLE, AND BURNER USING THIS DEVICE

Publication

EP 0270424 B1 19900207 (FR)

Application

EP 87402535 A 19871110

Priority

FR 8615969 A 19861112

Abstract (en)

[origin: US4846716A] An ignition device for a high speed burner of the cold nozzle type including a conventional type injector, an adaptation chamber into which the injector emerges and ending in an orifice with an outwardly curved grid and an ignition chamber, an ignition cavity is also provided external to the ignition chamber and communicating therewith through an orifice of reduced passage section provided in the wall of the ignition chamber substantially in line with the front region of the grid.

IPC 1-7

F23D 14/08; **F23D 14/70**; **F23Q 3/00**

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); **F23D 14/84** (2006.01); **F23Q 3/00** (2006.01)

CPC (source: EP US)

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Cited by

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FR 2606491 A1 19880513; **FR 2606491 B1 19890303**; DE 270424 T1 19881013; DE 3761705 D1 19900315; EP 0270424 A1 19880608; EP 0270424 B1 19900207; ES 2002688 A4 19881001; ES 2002688 B3 19900601; JP H0435649 B2 19920611; JP S63220015 A 19880913; US 4846716 A 19890711

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