

Title (en)

Premixed pilot nozzle for dry low NO<sub>x</sub> combustor.

Title (de)

Kombinierter Diffusions- und Vormischpilotbrenner.

Title (fr)

Brûleur combiné à diffusion et à prémélange pour veilleuse.

Publication

**EP 0269824 A2 19880608 (EN)**

Application

**EP 87115434 A 19871021**

Priority

US 93488586 A 19861125

Abstract (en)

A dual mode, dual stage low NO<sub>x</sub> combustor, includes a primary combustion chamber and a secondary combustion chamber separated by a throat region of reduced diameter. Fuel is input into the primary combustors by an annular array of diffusion type nozzles whereas in accordance with the invention fuel is input into the secondary combustor by a central combination premix and diffusion nozzle.

IPC 1-7

**F23D 11/00**; **F23R 3/28**; **F23R 3/34**

IPC 8 full level

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CPC (source: EP)

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Cited by

US5259184A; EP0672865A3; US5318436A; EP0466466A1; DE19542644B4; DE19542644A1; EP0594127A1; US5410884A; EP0561591A3; US5435139A; EP0358437A1; US2013008167A1; EP1852655A3; US9003800B2; EP0589520A1; US5381652A; EP0488556A1; US5193346A; EP0399336A1; US5201181A; US6539721B2; US10197284B2; WO9318289A1; WO03006886A1; WO9310400A1

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