Title (en)

BURNER AND METHOD FOR OPERATING A BURNER

Title (de)

BRENNER UND VERFAHREN ZUM BETREIBEN EINES BRENNERS

Title (fr)

BRÛLEUR ET PROCÉDÉ DE GESTION DU FONCTIONNEMENT D'UN BRÛLEUR

Publication

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Application

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Abstract (en)

[origin: WO2009003729A1] Described is a method for operating a burner which comprises a burner outlet opening (4) with at least two sectors (8a, 8b, 9a, 9b), wherein each sector (8a, 8b, 9a, 9b) is assigned at least one fuel nozzle. The method is characterized in that fuel is supplied separately to the fuel nozzles of different sectors (8a, 8b, 9a, 9b). Also described is a burner which comprises at least two sectors (8a, 8b, 9a, 9b), wherein each sector (8a, 8b, 9a, 9b) is assigned at least one fuel nozzle. The burner is characterized in that at least two separate fuel supply lines are provided, a device for adjusting the fuel mass flow which flows through the respective fuel supply line is provided, and the fuel supply lines supply fuel to the fuel nozzles of different sectors (8a, 8b, 9a, 9b). Also described is a gas turbine which is fitted with at least one burner according to the invention.

IPC 8 full level

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