

Title (en)

System and method for operating a combustor

Title (de)

System und Verfahren zum Betrieb einer Brennkammer

Title (fr)

Système et procédé de fonctionnement d'une chambre de combustion

Publication

EP 2487419 A2 20120815 (EN)

Application

EP 12154941 A 20120210

Priority

US 201113025426 A 20110211

Abstract (en)

A system (60) for operating a combustor (10) includes a nozzle (14) and a fuel passage (30, 32) and air passage (44) through the nozzle (14). A fuel supply (62), (64) is in fluid communication with the fuel inlet (34, 38), and an air Supply (68) is in fluid communication with the air inlet (50) and the fuel inlet (34, 38). A method for operating a combustor (10) includes flowing a fuel through a fuel inlet (34, 38) in a nozzle (14) and flowing air through an air inlet (50) in the nozzle (14). The method further includes sensing an operating parameter of the combustor (10), generating a signal reflective of the operating parameter, and controlling a flow of at least one of air or diluent to the fuel inlet (34, 38) based on the signal reflective of the operating parameter.

IPC 8 full level

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CPC (source: EP US)

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