

Title (en)

Combustor and method for operating the same

Title (de)

Brennkammer und Verfahren zum Betrieb dieser Brennkammer

Title (fr)

Chambre de combustion et procédé de fonctionnement associé

Publication

EP 1207350 B1 20080806 (DE)

Application

EP 01126841 A 20011112

Priority

DE 10056243 A 20001114

Abstract (en)

[origin: EP1207350A2] The fuel (3) and air (4) are injected into the mixer zone (11) into a hot gas stream (5) through a fuel lance (2) from at least one side wall (6) of the mixer zone (11). The fuel and air are injected in different mixture streams (7) which can be sent in different directions. Independent claim describes burner chamber where fuel lance is let into side wall of mixer zone in the form of a ball.

IPC 8 full level

F23R 3/10 (2006.01); **F02C 3/14** (2006.01); **F02C 7/28** (2006.01); **F02C 9/26** (2006.01); **F23D 11/40** (2006.01); **F23D 14/64** (2006.01); **F23R 3/12** (2006.01); **F23R 3/28** (2006.01); **F23R 3/32** (2006.01); **F23R 3/34** (2006.01); **F23R 3/46** (2006.01)

CPC (source: EP US)

F23D 11/402 (2013.01 - EP US); **F23D 14/64** (2013.01 - EP US); **F23R 3/286** (2013.01 - EP US)

Cited by

EP1512912A3; EP1400752A1; CN115899763A; US8057224B2; EP1512912A2; WO2009109448A1; WO2004025183A3; WO2004025183A2; US7753677B2

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