

Title (en)
Burner for a heat producing device

Title (de)
Brenner für einen Wärmeerzeuger

Title (fr)
Brûleur pour un dispositif à chaleur

Publication
EP 0899508 B1 20040128 (DE)

Application
EP 98810651 A 19980708

Priority
DE 19736902 A 19970825

Abstract (en)
[origin: EP0899508A1] The fuel jet (105) produced by the fuel nozzle (104) has an emission angle which corresponds approximately to the adjustment angle of the components (101,102) forming the spin producer (100) in relation to the axis of the burner or of the combustion chamber. The spin producer comprises a number of circular blades. Use - As a burner for a heat producer.

IPC 1-7
F23D 17/00; **F23D 14/24**; **F23D 14/40**; **F23R 3/02**

IPC 8 full level
F23C 7/00 (2006.01); **F23D 11/24** (2006.01); **F23D 11/38** (2006.01); **F23D 11/40** (2006.01); **F23D 14/24** (2006.01); **F23D 14/40** (2006.01); **F23D 17/00** (2006.01); **F23R 3/02** (2006.01); **F23R 3/12** (2006.01); **F23R 3/36** (2006.01)

CPC (source: EP US)
F23C 7/002 (2013.01 - EP US); **F23D 11/38** (2013.01 - EP US); **F23D 11/402** (2013.01 - EP US); **F23R 3/12** (2013.01 - EP US); **F23R 3/36** (2013.01 - EP US); **F23C 2900/07002** (2013.01 - EP US)

Cited by
CN111503659A; DE102009053379A1; DE102009053379B4; US7520745B2; WO2007135691A1; WO2006042796A3

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
EP 0899508 A1 19990303; **EP 0899508 B1 20040128**; CN 1209521 A 19990303; CN 1318797 C 20070530; DE 19736902 A1 19990304; DE 59810650 D1 20040304; JP 4442940 B2 20100331; JP H11118108 A 19990430; US 6102692 A 20000815

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EP 98810651 A 19980708; CN 98118697 A 19980825; DE 19736902 A 19970825; DE 59810650 T 19980708; JP 23728598 A 19980824; US 13517398 A 19980818