

Title (en)
Combustion device

Title (de)
Brennervorrichtung

Title (fr)
Dispositif de combustion

Publication
EP 0899506 A2 19990303 (DE)

Application
EP 98810827 A 19980821

Priority
DE 19737998 A 19970830

Abstract (en)
The opening surface (17) of the flow rectifier(18) is larger than the entry surface (19) of the spin producer(100). The ratio of the opening surface to the entry surface is greater than or equal to 3. The flow rectifier comprises a holed plate hood (12), on which are end flanges (11). The spin producer comprises at least two hollow, conical part bodies inter-engaged in the flow direction. The adjacent walls of the part bodies in their longitudinal extent from tangential channels for a combustion airflow and in the conical hollow space formed by the part bodies is at least one fuel nozzle.

Abstract (de)
Bei einer Brennervorrichtung, umfassend einen Drallerzeuger (9,100) für einen Verbrennungsluftstrom (1,2,115) und eine stromabwärts des Drallerzeugers (9,100) angeordnete Brennkammer (15) ist stromaufwärts des Drallerzeugers (9,100) ein Strömungsgleichrichter (18) zur Gleichrichtung der Zuströmung zum Drallerzeuger (9,100) angeordnet. <IMAGE>

IPC 1-7
F23C 7/00; **F23D 11/40**; **F23D 14/02**

IPC 8 full level
F23C 7/00 (2006.01); **F23D 11/40** (2006.01); **F23D 14/02** (2006.01)

CPC (source: EP)
F23C 7/002 (2013.01); **F23D 11/402** (2013.01); **F23D 14/02** (2013.01); **F23C 2900/07002** (2013.01); **F23D 2209/10** (2013.01)

Citation (applicant)
EP 0321809 A1 19890628 - BBC BROWN BOVERI & CIE [CH]

Cited by
EP1288577A3; EP1174662A1; US7424804B2; WO2004079264A1; US8313324B2

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DE SE

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