Title (en)

Combustion device

Title (de)

Brennervorrichtung

Title (fr)

Dispositif de combustion

Publication

**EP 0899506 A3 19990616 (DE)**

Application

**EP 98810827 A 19980821**

Priority

DE 19737998 A 19970830

Abstract (en)

[origin: EP0899506A2] 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.

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 (search report)

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Designated contracting state (EPC)

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