

Title (en)

Burner with a fuel nozzle with swirl duct

Title (de)

BRENNER MIT EINER BRENNSTOFFDÜSE MIT DRALLKANAL

Title (fr)

Brûleur avec une buse à combustible dotée d'un canal à tourbillon

Publication

EP 2235441 A2 20101006 (DE)

Application

EP 08871983 A 20081107

Priority

- EP 2008065135 W 20081107
- EP 08001641 A 20080129
- EP 08871983 A 20081107

Abstract (en)

[origin: EP2085695A1] The method involves mounting a swirl duct (4) in an outer jacket surface (5) of a pin (3) or in an inner surface (6) of a sleeve (2). The pin is attached in the sleeve, so that the outer jacket surface of the pin is connected to the inner surface of the sleeve. The swirl duct is defined by a mold. Independent claims are included for the following: (1) a fuel nozzle has a cover surface; (2) a burner has spin shovels; (3) a burner arrangement has a central pilot burner; and (4) a gas turbine has a tube-type combustion chamber.

IPC 8 full level

F23D 11/10 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2009095100A2

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