

Title (en)

METHOD OF PRODUCING A SWIRL SPRAYING NOZZLE FOR SPRAYING LIQUID FUEL

Title (de)

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Title (fr)

PROCEDE DE FABRICATION D'UNE BUSE DE PULVERISATION A TOURBILLON DESTINEE A PULVERISER UN COMBUSTIBLE LIQUIDE

Publication

EP 2257741 A1 20101208 (DE)

Application

EP 09726964 A 20090323

Priority

- EP 2009053361 W 20090323
- EP 08006681 A 20080401
- EP 09726964 A 20090323

Abstract (en)

[origin: EP2107304A1] Swirl spraying nozzle comprises a nozzle body (2) having a hollow cylinder (5) with a base (4) closing the cylinder on one side and a head (6) closing the cylinder on the other side so that a swirl chamber (3) is formed in the nozzle body. Inlet holes (7, 8) are formed in the cylinder close to the base and are arranged perpendicular to the longitudinal axis of the cylinder and positioned at an angle in the peripheral direction of the cylinder. A further outlet hole (9) is arranged in the head. Independent claims are also included for the following: (1) Tuyere connection with the swirl spraying nozzle; and (2) Method for producing a swirl spraying nozzle. Preferred Features: The diameter-height ratio of the nozzle body is less than one.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2009121743A1

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