

Title (en)

Nozzle for a fuel injection valve

Title (de)

Düsenkopf für eine Brennstoffeinspritzdüse

Title (fr)

Buse d'une soupape d'injection de combustible

Publication

EP 0692625 B1 19991229 (DE)

Application

EP 94810420 A 19940715

Priority

EP 94810420 A 19940715

Abstract (en)

[origin: EP0692625A1] The nozzle comprises a movable interference body (7) which is located in the nozzle head (2), and is moved by the fuel flowing through it. The body movement influences the fuel flow towards the fuel ejection passage (6), to apply a turbulence to the ejected fuel. The hollow head chamber (9) has a cylindrical section near the passage. The interference body has a cylindrical surface with a full-width aperture. The body is contained inside the chamber, so that their rotary/symmetrical axis (B) coincide, and the cylindrical surface is located in front of the aperture of the passage. <IMAGE>

IPC 1-7

F02M 61/18; F02M 61/16

IPC 8 full level

F02M 61/10 (2006.01); **F02M 61/16** (2006.01); **F02M 61/18** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)

F02M 61/162 (2013.01); **F02M 61/18** (2013.01); **F02B 3/06** (2013.01); **F02F 2007/0097** (2013.01)

Cited by

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Designated contracting state (EPC)

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EP 0692625 A1 19960117; **EP 0692625 B1 19991229**; CN 1066802 C 20010606; CN 1133394 A 19961016; DE 59409040 D1 20000203; DK 0692625 T3 20000417; FI 106740 B 20010330; FI 953430 A0 19950713; FI 953430 A 19960116; JP 3738053 B2 20060125; JP H0849634 A 19960220; KR 100386183 B1 20030806

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