

Title (en)

Hole-type nozzle with a storage volume for a fuel injection apparatus

Title (de)

Lochdüse mit einem Speicherraum für eine Kraftstoff-Einspritzvorrichtung

Title (fr)

Injecteur à trous avec un volume de retenue pour un dispositif d'injection de carburant

Publication

EP 1770275 B1 20091223 (DE)

Application

EP 06120340 A 20060908

Priority

DE 102005046669 A 20050929

Abstract (en)

[origin: EP1770275A1] An orifice nozzle (24) has a nozzle body (30) which has a nozzle needle cavity (34) for supply fuel into the nozzle body (30), a storage cavity (94) is provided which is joined hydraulically by at least one nozzle element to the nozzle needle cavity (34). An independent claim is included for a fuel injection device.

IPC 8 full level

F02M 63/00 (2006.01)

CPC (source: EP)

F02M 61/10 (2013.01); **F02M 2200/315** (2013.01); **F02M 2200/40** (2013.01)

Cited by

EP1921306A3; EP2246552A1; EP2295787A1; US9897058B2; US9279402B2; WO2008017544A1; WO2019072604A1; WO2011012519A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1770275 A1 20070404; **EP 1770275 B1 20091223**; AT E453049 T1 20100115; DE 102005046669 A1 20070405; DE 502006005720 D1 20100204

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