

Title (en)
INJECTION NOZZLE WITH BLIND BORE FOR INTERNAL COMBUSTION ENGINE WITH ROUNDED PASSAGE BETWEEN THE BLIND BORE AND THE INJECTOR NEEDLE SEAT

Title (de)
SACKLOCH-EINSPRITZDÜSE FÜR BRENNKRAFTMASCHINEN MIT ABGERUNDETEM ÜBERGANG ZWISCHEN SACKLOCH UND DÜSENNADELSITZ

Title (fr)
BUSE D'INJECTION A TROU BORGNE POUR MOTEURS A COMBUSTION INTERNE A PASSAGE ARRONDI ENTRE LE TROU BORGNE ET LE SIEGE DE L'AIGUILLE D'INJECTEUR

Publication
EP 1157208 B1 20050316 (DE)

Application
EP 00954296 A 20000629

Priority
• DE 0002125 W 20000629
• DE 19931761 A 19990708

Abstract (en)
[origin: DE19931761A1] The invention concerns an injection nozzle (1) provided with a blind bore (2) wherein the passage (8) between the blind bore (2) and the injector needle seat is rounded. The tolerance to flow resistance of the injection nozzle (1) is thus reduced in the event of a partial stroke of the injector needle (5), thereby enabling more accurate measurement of the amount of injected fuel.

IPC 1-7
F02M 61/18

IPC 8 full level
F02M 61/16 (2006.01); **F02M 61/18** (2006.01)

CPC (source: EP KR US)
F02M 61/18 (2013.01 - EP KR US); **F02M 61/1806** (2013.01 - EP US)

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
DE 19931761 A1 20010118; CZ 2001820 A3 20011212; CZ 295060 B6 20050518; DE 50009793 D1 20050421; EP 1157208 A1 20011128; EP 1157208 B1 20050316; JP 2003504554 A 20030204; KR 100737711 B1 20070711; KR 20010079756 A 20010822; US 6695230 B1 20040224; WO 0104490 A1 20010118

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DE 19931761 A 19990708; CZ 2001820 A 20000629; DE 0002125 W 20000629; DE 50009793 T 20000629; EP 00954296 A 20000629; JP 2001509869 A 20000629; KR 20017002930 A 20010307; US 78671401 A 20010618