

Title (en)
Fuel injector

Title (de)
Kraftstoffeinspritzdüse

Title (fr)
Injecteur à carburant

Publication
EP 2808533 B1 20190814 (EN)

Application
EP 13169668 A 20130529

Priority
EP 13169668 A 20130529

Abstract (en)
[origin: EP2808533A1] A nozzle body (16) of the nozzle (14) of a fuel injector (12), the body (16) having a bore (20) and extending along a main axis (Z) toward a blind extremity which internally forms a seat (22) for receiving in circumferential contact a closing member, the tip portion of the bore (20) having a peripheral surface (28) of revolution about the main axis (Z) forming a sac chamber (24). The body (14) is further provided with a spray hole (26) axially (H) extending throughout the wall (18) of the body (16), between an entry (30) that is arranged in the peripheral surface (28) of the sac (24) and an exit (32) opening on the outer surface (38) of the wall (18). In the vicinity of its entry (30), the transversal section (SI) of the spray hole (26) is elongated along an elongation axis (E).

IPC 8 full level
F02M 61/18 (2006.01)

CPC (source: EP)
F02M 61/1833 (2013.01); **F02M 61/184** (2013.01)

Cited by
CN112689708A; US10612508B2; EP3892847A1; EP3350434B1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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EP 13169668 A 20130529; EP 2014057487 W 20140414