

Title (en)
Nozzle for a fuel injector

Title (de)
Brennstoffeinspritzdüse

Title (fr)
Buse d'injection de carburant

Publication
EP 1413743 B1 20070912 (EN)

Application
EP 02023553 A 20021022

Priority
EP 02023553 A 20021022

Abstract (en)
[origin: EP1413743A1] A ring plate (1) is held by a holding member (4) and arranged as a dampening component which divides a fuel region into fuel chamber (16) and second chamber (28). The fuel chamber is limited using the nozzle (2) and a needle (3). The second chamber is limited by a bellow (5) provided as sealing component in order to separate the fuel region from an actuator chamber (38). The needle movably arranged within the nozzle extends through the dampening component. The nozzle is fixed to the housing (22) of a fuel injector (37). The first end ring of the bellow is tightly connected to the holding member or to the nozzle.

IPC 8 full level
F02M 51/06 (2006.01); **F02M 55/00** (2006.01); **F02M 61/08** (2006.01); **F02M 61/16** (2006.01); **F02M 61/18** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)
F02M 51/0603 (2013.01); **F02M 55/004** (2013.01); **F02M 61/08** (2013.01); **F02M 61/18** (2013.01); **F02M 2200/16** (2013.01); **F02M 2200/306** (2013.01); **F02M 2200/31** (2013.01); **F02M 2200/315** (2013.01)

Cited by
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DE FR IT

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