

Title (en)
Injector for internal combustion engines

Title (de)
Einspritzinjektor für Brennkraftmaschinen

Title (fr)
Injecteur pour moteurs à combustion interne

Publication
EP 1347168 A3 20050105 (DE)

Application
EP 03001751 A 20030128

Priority
• DE 10212002 A 20020318
• DE 10259544 A 20021219

Abstract (en)
[origin: EP1347168A2] Fuel injector for an internal combustion engine comprises a housing (4), a nozzle part held on the housing by a screw connection, and an insert arranged in an axial bore in the housing and having a control element. The insert is tensioned against the nozzle part held on the housing and a counterpart (5) arranged in front of the nozzle part. The insert is also tensioned against the housing via a supporting sleeve (17) supported in shoulders (18, 19) on the housing and on the insert. In the mounted state the length of the supporting sleeve can be compressed. Preferred Features: In the mounted state the supporting sleeve is compressed in the elastic or elastoplastic region.

IPC 1-7
F02M 47/02; **F02M 59/46**; **F02M 55/00**; **F02M 61/16**

IPC 8 full level
F02M 47/02 (2006.01); **F02M 55/00** (2006.01); **F02M 59/46** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)
F02M 47/027 (2013.01); **F02M 55/004** (2013.01); **F02M 61/168** (2013.01)

Citation (search report)
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• [AD] US 5694903 A 19971209 - GANSER MARCO A [CH]
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

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