

Title (en)
Injector for internal combustion engines

Title (de)
Einspritzinjektor für Brennkraftmaschinen

Title (fr)
Injecteur pour moteurs à combustion interne

Publication
EP 1347168 B1 20060329 (DE)

Application
EP 03001751 A 20030128

Priority
• DE 10212002 A 20020318
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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 8 full level
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CPC (source: EP)
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Cited by
KR100822955B1; DE102007025050B3; WO2006012658A1; WO2005108774A1; WO2008145330A1

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