

Title (en)  
INJECTION MODULE

Title (de)  
EINSPRITZMODUL

Title (fr)  
MODULE D'INJECTION

Publication  
**EP 1525392 B1 20091230 (DE)**

Application  
**EP 03787648 A 20030710**

Priority  
• DE 0302327 W 20030710  
• DE 10233906 A 20020725

Abstract (en)  
[origin: DE10233906A1] The fuel injector module, for direct fuel injection at an internal combustion motor, has a housing (1) for the actuator (2) and the injection valve. The actuator is linked to a compensation unit (6) to compensate for any longitudinal change in the housing through thermal expansion. A heat conductor (33) is between the compensation unit and the housing, as a sleeve around the compensation unit and in contact with both. The sleeve has longitudinal slits, forming curved bars (34).

IPC 8 full level  
**F02M 51/06** (2006.01); **F02M 61/16** (2006.01); **F02M 39/00** (2006.01); **F02M 47/02** (2006.01); **F02M 51/00** (2006.01); **F02M 59/00** (2006.01); **F02M 59/46** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP US)  
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Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**DE 10233906 A1 20040219**; DE 50312292 D1 20100211; EP 1525392 A1 20050427; EP 1525392 B1 20091230; JP 2005533971 A 20051110; JP 4243808 B2 20090325; US 2005145726 A1 20050707; US 7744014 B2 20100629; WO 2004016941 A1 20040226

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