

Title (en)
Fuel injector with improved spring arrangement

Title (de)
Einspritzdüse mit verbesserter Federanordnung

Title (fr)
Injecteur avec agencement de ressort amélioré

Publication
EP 1586763 B1 20070530 (EN)

Application
EP 04252275 A 20040417

Priority
EP 04252275 A 20040417

Abstract (en)
[origin: EP1586763A1] A fuel injector for use in an engine has a pintle (32) biased by a coil spring (34). The spring tension is adjusted by rotating a sleeve (42) surrounding the spring (34), the sleeve (42) having a screw-threaded connection (44) to a fixed part (48) of the injector. The sleeve (42) may be rotated by rotating a filter housing (40) externally of the injector body (30). The sleeve (42) may also act as a guide preventing lateral displacement of the spring (34). <IMAGE>

IPC 8 full level
F02M 61/20 (2006.01); **F02M 51/06** (2006.01); **F02M 61/08** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)
F02M 51/0653 (2013.01); **F02M 61/08** (2013.01); **F02M 61/205** (2013.01); **F02M 2200/507** (2013.01)

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