

Title (en)

FUEL INJECTOR WITH VARIABLE ACTUATOR TRANSMISSION

Title (de)

KRAFTSTOFFINJEKTOR MIT VARIABLER AKTORHUBÜBERSETZUNG

Title (fr)

INJECTEUR DE CARBURANT A MULTIPLICATION DE COURSE D'ACTIONNEUR VARIABLE

Publication

**EP 1759114 A1 20070307 (DE)**

Application

**EP 05717042 A 20050315**

Priority

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Abstract (en)

[origin: WO2005121543A1] The invention relates to a fuel injector (1) comprising a piezoactuator (8) which operates an injection valve member (9). Said piezoactuator acts upon the injection valve member (9) which is impinged upon by a spring element (15) in the closing position. The fuel injector (1) comprises a hydraulic coupling chamber (13) which hydraulically connects a transmission piston (10) and the injection valve member (9). A sleeve-shaped body (17) supports the injection valve member (9) which co-operates with an edge (18) forming an intermediate lifting stop for the injection valve member (9).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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DOCDB simple family (publication)

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