

Title (en)

FUEL INJECTOR COMPRISING A COMPENSATION ELEMENT FOR FUEL-INJECTION SYSTEMS

Title (de)

KRAFTSTOFFINJEKTOR MIT KOMPENSATIONSELEMENT FÜR KRAFTSTOFFEINSPRITZSYSTEME

Title (fr)

INJECTEUR DE CARBURANT POURVU D'UN ELEMENT DE COMPENSATION POUR SYSTEMES D'INJECTION DE CARBURANT

Publication

**EP 1436501 A1 20040714 (DE)**

Application

**EP 02776784 A 20021007**

Priority

- DE 0203756 W 20021007
- DE 10149514 A 20011008

Abstract (en)

[origin: DE10149514A1] The fuel injector (1) has an injector body (2) containing a valve needle (5) and an injector nozzle body (4) attached to the injector body via a retaining nut (9) screwed onto a thread (8) of the injector body. A deformable compensation element (30) acts between the abutting surfaces of the components coupled together by the retaining nut, for compensating skew caused by manufacturing tolerances. An Independent claim for use of a deformable compensation element for a multi-component fuel injector is also included.

IPC 1-7

**F02M 61/16**; F02M 47/02

IPC 8 full level

**F02M 61/16** (2006.01)

CPC (source: EP US)

**F02M 61/167** (2013.01 - EP US); **F02M 61/168** (2013.01 - EP US); **F02M 2200/26** (2013.01 - EP US); **F02M 2200/8076** (2013.01 - EP US)

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