

Title (en)

Fuel injector with a measuring device

Title (de)

Kraftstoffinjektor mit einer Messeinrichtung

Title (fr)

Injecteur de carburant pour un dispositif de mesure

Publication

**EP 1925813 B1 20091118 (DE)**

Application

**EP 07115363 A 20070831**

Priority

DE 102006051205 A 20061030

Abstract (en)

[origin: EP1925813A1] The fuel injector (1) has a displacement device, which carries out opening and closing motion in a movement axis (2). A measuring device (5) is formed as an inductive sensor and the measuring body, partly surrounds a displacement device in the area of a geometry modification formed in movement direction in order to receive an end of the injector in the combustion chamber (4) or the end stop of the opening stroke. An independent claim is also included for a method for detecting an end of injector of fuel into a combustion chamber.

IPC 8 full level

**F02M 51/06** (2006.01); **F02M 65/00** (2006.01)

CPC (source: EP)

**F02M 47/027** (2013.01); **F02M 63/0026** (2013.01); **F02M 65/005** (2013.01); **F02M 2200/24** (2013.01)

Cited by

GB2497515A; GB2549747A; WO2014060799A1; WO2017186691A1

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DOCDB simple family (publication)

**EP 1925813 A1 20080528**; **EP 1925813 B1 20091118**; AT E449252 T1 20091215; DE 102006051205 A1 20080508; DE 502007002021 D1 20091231

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