

Title (en)

Method for operating an actuator of an injection valve and injection valve

Title (de)

Betriebsverfahren für einen Aktor eines Einspritzventils und Einspritzventil

Title (fr)

Procédé de fonctionnement d'un actionneur pour soupape d'injection et soupape d'injection

Publication

**EP 1541840 A3 20050817 (DE)**

Application

**EP 04106369 A 20041207**

Priority

DE 10357481 A 20031209

Abstract (en)

[origin: EP1541840A2] The method involves loading the actuator and measuring the actuator voltage (U) before and/or after loading, determining the time of at least one turning point (G1,G2) in the time profile of the measured actuator voltage and determining an injection parameter characterizing the injection behavior depending on the turning point time. An independent claim is also included for an injection valve with an actuator for controlling the pressure in a control chamber.

IPC 1-7

**F02D 41/20**

IPC 8 full level

**F02D 41/20** (2006.01); **F02D 41/40** (2006.01)

CPC (source: EP)

**F02D 41/2096** (2013.01); **F02D 41/401** (2013.01); **F02D 2041/2034** (2013.01); **F02D 2041/2051** (2013.01); **F02D 2041/2055** (2013.01); **F02D 2041/2058** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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**EP 1541840 A2 20050615**; **EP 1541840 A3 20050817**; DE 10357481 A1 20050714; WO 2005059338 A1 20050630

DOCDB simple family (application)

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