

Title (en)

Actuator for a fuel injection system

Title (de)

Aktoreinrichtung für ein Kraftstoffeinspritzsystem

Title (fr)

Actionneur d'un système d'injection de carburant

Publication

**EP 1619385 A1 20060125 (DE)**

Application

**EP 05101878 A 20050310**

Priority

DE 202004011603 U 20040723

Abstract (en)

The actuator device has two or more coaxially arranged actuators (1-4) with different reaction times separated for producing a lift for controlling a throttle nozzle. The lift is adapted in height and time duration to the requirements of the pre-injection, main injection or post-injection and is optimized for the specific engine through the profiling of the coaxial throttle nozzle with needle (15) and valve seat (18) of each injection process.

IPC 8 full level

**F02M 45/00** (2006.01); **F02M 47/02** (2006.01); **F02M 59/46** (2006.01)

CPC (source: EP)

**F02M 45/00** (2013.01); **F02M 47/027** (2013.01); **F02M 63/0019** (2013.01); **F02M 63/0026** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT DE DK

DOCDB simple family (publication)

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