

Title (en)

Fuel injection device with torque control for internal-combustion engines.

Title (de)

Einspritzvorrichtung für Brennkraftmaschinen mit Angleichung der Einspritzmenge.

Title (fr)

Dispositif d'injection à correction du couple moteur pour moteurs à combustion interne.

Publication

EP 0355666 B1 19940413 (DE)

Application

EP 89115040 A 19890816

Priority

DE 3827734 A 19880816

Abstract (en)

[origin: EP0355666A2] In known injection devices which have a torque control (1) and, as the speed of the internal-combustion engine falls, the torque control (1) effects an adjustment of the control rod (6) to produce an increase in the quantity of fuel delivered per pump stroke (+ torque control), the control characteristic is predetermined and unalterable by virtue of the correspondingly selected kinematics and the springs employed. The fuel injection device according to the invention provides a torque control (1) in which the amount and beginning of torque control can be adjusted even when the internal-combustion engine is running. <IMAGE>

IPC 1-7

F02D 1/00; **F02M 59/44**

IPC 8 full level

F02D 1/00 (2006.01); **F02D 1/02** (2006.01); **F02D 1/04** (2006.01); **F02M 59/44** (2006.01)

CPC (source: EP)

F02D 1/02 (2013.01); **F02D 1/045** (2013.01); **F02M 59/44** (2013.01)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0355666 A2 19900228; **EP 0355666 A3 19900905**; **EP 0355666 B1 19940413**; DE 3827734 A1 19900222; DE 58907442 D1 19940519

DOCDB simple family (application)

EP 89115040 A 19890816; DE 3827734 A 19880816; DE 58907442 T 19890816