

Title (en)

Control method for influencing the opening velocity of a control valve of a fuel injector

Title (de)

Ansteuerungsverfahren zur Beeinflussung der Öffnungsgeschwindigkeit eines Steuerventiles an einem Kraftstoffinjektor

Title (fr)

Méthode de contrôle pour influencer la vitesse d'ouverture d'une soupape de commande d'un injecteur de carburant

Publication

EP 1593838 B1 20080416 (DE)

Application

EP 05101339 A 20050222

Priority

DE 102004022268 A 20040506

Abstract (en)

[origin: EP1593838A1] A fuel injector (FI) (3) has a control valve (CV) (27) for activating/deactivating the FI's pressure intensifier (5). The CV is designed as a directly controlled magnetic valve with its magnetic coil (38) fed by two or more triggering current levels different from each other so as to vary the opening speed of the CV's valve element (30). An independent claim is also included for a fuel injection device for triggering a fuel injector.

IPC 8 full level

F02M 57/02 (2006.01); **F02M 45/12** (2006.01)

CPC (source: EP US)

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