

Title (en)

CONTROL AND REGULATION METHOD FOR AN INTERNAL COMBUSTION ENGINE PROVIDED WITH A COMMON-RAILSYSTEM

Title (de)

STEUER- UND REGELVERFAHREN FÜR EINE BRENNKRAFTMASCHINE MIT EINEM COMMON-RAILSYSTEM

Title (fr)

PROCEDE DE COMMANDE ET DE REGULATION POUR UN MOTEUR A COMBUSTION INTERNE EQUIPE D'UN SYSTEME COMMON RAIL

Publication

**EP 1896712 B1 20101124 (DE)**

Application

**EP 06754510 A 20060622**

Priority

- EP 2006006016 W 20060622
- DE 102005029138 A 20050623

Abstract (en)

[origin: DE102005029138B3] The control regulating process is for an engine (1) with common rail system, for which the rail pressure (pCR) is regulating the normal operation. A second actual rail pressure is determined by a second filter. The loading drop is determined when the second rail filter exceeds a first boundary value. This is recognized in the pulse width modulated signal (PWM), which is set to a higher PWM value than that for normal operation.

IPC 8 full level

**F02D 41/38** (2006.01)

CPC (source: EP US)

**F02D 41/3845** (2013.01 - EP US); **F02D 2041/141** (2013.01 - EP US); **F02D 2041/1432** (2013.01 - EP US); **F02D 2041/2027** (2013.01 - EP US); **F02D 2200/0602** (2013.01 - EP US)

Cited by

CN102425503A

Designated contracting state (EPC)

FR GB

DOCDB simple family (publication)

**DE 102005029138 B3 20061207**; EP 1896712 A1 20080312; EP 1896712 B1 20101124; US 2009223488 A1 20090910; US 7779816 B2 20100824; WO 2006136414 A1 20061228

DOCDB simple family (application)

**DE 102005029138 A 20050623**; EP 06754510 A 20060622; EP 2006006016 W 20060622; US 92283706 A 20060622