

Title (en)

Control system for operating a Diesel engine of an automotive vehicle

Title (de)

Steuereinrichtung um einen Kraftfahrzeug-Dieselmotor zu betreiben

Title (fr)

Système de contrôle du fonctionnement d'un moteur Diesel de véhicule automobile

Publication

**EP 1731745 B1 20150422 (FR)**

Application

**EP 06290916 A 20060606**

Priority

FR 0505784 A 20050607

Abstract (en)

[origin: EP1731745A1] A slave module controls fuel supply of a reference cylinder (12a) as a function of pressure detected by an acquisition chain (26). The drive shaft rotation speeds generated by the displacement of the piston (20a) of reference cylinder and the pistons (20b-20d) of other cylinders (12b-12d), are measured. A controller controls the fuel supply of other cylinders as a function of the measured speeds such that the shaft rotation speed of other cylinders follow the shaft rotation speed of reference cylinder.

IPC 8 full level

**F02D 41/14** (2006.01); **F02D 35/02** (2006.01)

CPC (source: EP US)

**F02D 35/023** (2013.01 - EP US); **F02D 41/008** (2013.01 - EP US); **F02D 41/1497** (2013.01 - EP US); **F02D 2041/1418** (2013.01 - EP US)

Cited by

FR2982642A1; EP2184472A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1731745 A1 20061213**; **EP 1731745 B1 20150422**; FR 2886680 A1 20061208; FR 2886680 B1 20070928; JP 2006342806 A 20061221; JP 2012036903 A 20120223; US 2006272612 A1 20061207; US 7765979 B2 20100803

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