

Title (en)

Fuel injection amount learning control apparatus

Title (de)

Steuervorrichtung zum Erlernen der Kraftstoffeinspritzmenge

Title (fr)

Appareil de contrôle de l'apprentissage de la quantité de carburant à injecter

Publication

**EP 2112358 A2 20091028 (EN)**

Application

**EP 09158441 A 20090422**

Priority

JP 2008112387 A 20080423

Abstract (en)

When a learning value of a fuel injection amount is lost through the replacement of an ECU, an issuance device is connected to the ECU to send a forcible learning command signal, thereby forcibly making a shift to a fuel injection amount learning mode. After that, racing is carried out a plurality of times only through a single accelerator depression operation by an operator, and about 10 learning values are acquired every time racing is carried out once. When the learning values are acquired a plurality of times and learning is completed, racing is ended. Thus, a learning operation can be completed at an early stage after the replacement of the ECU. As a result, there arises no deviation in the fuel injection amount.

IPC 8 full level

**F02D 41/24** (2006.01); **F02D 41/40** (2006.01)

CPC (source: EP)

**F02D 31/007** (2013.01); **F02D 41/2438** (2013.01); **F02D 41/2441** (2013.01); **F02D 41/2467** (2013.01); **F02D 41/023** (2013.01); **F02D 41/123** (2013.01); **F02D 41/1497** (2013.01); **F02D 41/403** (2013.01); **F02D 2200/602** (2013.01)

Citation (applicant)

- JP 2003056389 A 20030226 - BOSCH AUTOMOTIVE SYSTEMS CORP, et al
- JP 2005036788 A 20050210 - DENSO CORP

Cited by

EP2116708A3; EP2696060A1; FR3004493A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2112358 A2 20091028**; **EP 2112358 A3 20100811**; **EP 2112358 B1 20201111**; JP 2009264165 A 20091112; JP 4840397 B2 20111221

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