



(11) **EP 2 096 286 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**

(15) Correction information:
Corrected version no 1 (W1 A2)
Corrections, see
Bibliography INID code(s) 72

(51) Int Cl.:
F02D 41/02 ^(2006.01) **F02P 5/15** ^(2006.01)
F02P 5/152 ^(2006.01) **F02D 41/14** ^(2006.01)
F02D 41/00 ^(2006.01)

(48) Corrigendum issued on:
04.11.2009 Bulletin 2009/45

(43) Date of publication:
02.09.2009 Bulletin 2009/36

(21) Application number: **09007859.3**

(22) Date of filing: **01.08.2005**

(84) Designated Contracting States:
DE FR GB IT

(30) Priority: **04.08.2004 JP 2004228103**

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
05254808.8 / 1 624 173

(71) Applicants:
• **Toyota Jidosha Kabushiki Kaisha**
Toyota-shi, Aichi-ken 471-8571 (JP)
• **Bosch Corporation**
Shibuya-ku
Tokyo 150-8360 (JP)

(72) Inventors:
• **Amano, Naoki**
Toyota-shi
Aichi-ken 471-8571
(JP)

• **Otsubo, Masaaki**
Toyota-shi
Aichi-ken 471-8571
(JP)
• **Yamazaki, Akinori**
Shibuya-ku
Tokyo 150-8360
(JP)
• **Hatakeyama, Tomohiro**
Shibuya-ku
Tokyo 150-8360
(JP)

(74) Representative: **Smith, Samuel Leonard**
J.A. Kemp & Co.
14 South Square
Gray's Inn
London WC1R 5JJ (GB)

Remarks:

This application was filed on 16-06-2009 as a
divisional application to the application mentioned
under INID code 62.

(54) **Torque calculation method for engine**

(57) A torque calculation method for an engine (100)
connected to an automatic transmission (300), wherein
when a predetermined first condition is satisfied, fuel sup-
ply to the engine (100) is stopped; and when a predeter-
mined second condition relating to the automatic trans-
mission (300) is satisfied, stop of the fuel supply is pro-
hibited, the torque calculation method being character-
ized by comprising:
calculating first engine torque based on a rotational

speed of the engine;
determining whether stop of the fuel supply is being pro-
hibited; and
setting the first engine torque to torque for a case in which
the fuel supply is stopped, and calculating second engine
torque which is used for control of the automatic trans-
mission, based on the first engine torque, in a case where
stop of the fuel supply is being prohibited.

EP 2 096 286 A8

FIG. 4

