

Title (en)

Method of controlling an air-fuel ratio of an engine

Title (de)

Verfahren zur Steuerung des Luft-Kraftstoffverhältnisses in einer Brennkraftmaschine

Title (fr)

Méthode de commande de rapport air/carburant dans un moteur à combustion interne

Publication

EP 0811758 B1 20031105 (EN)

Application

EP 97108963 A 19970604

Priority

- JP 14176396 A 19960604
- JP 14188296 A 19960604

Abstract (en)

[origin: EP0811758A2] In an engine, the elapsed time for rotation through 30 degrees crank angle near top dead center of the compression stroke and the elapsed time for rotation through 30 degrees crank angle near 90 degrees after top dead center of the compression stroke are found and the amount of torque fluctuation is found from these elapsed times. Whether the vehicle is driving on a rough road is judged from the amount of fluctuation of the angular velocity of the crankshaft. When it is judged that the vehicle is driving on a rough road, the correction of the air-fuel ratio based on the amount of torque fluctuation is prohibited. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

F02D 41/1498 (2013.01); **F02D 2200/1015** (2013.01); **F02D 2200/702** (2013.01)

Citation (examination)

US 4691286 A 19870901 - OBAYASHI HIDEKI [JP], et al

Cited by

EP2019196A4; GB2329979A; GB2329979B; US6135089A; US6155232A; EP0849456A3; US10247124B2; WO2016204672A1

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