Title (en)
METHOD AND DEVICE FOR FUEL INJECTION

Title (de)
VERFAHREN UND VORRICHTUNG ZUR KRAFTSTOFFEINSPRITZUNG

Title (fr)
PROCEDE ET DISPOSITIF D'INJECTION DE CARBURANT

Publication
EP 1596055 A1 20051116 (EN)

Application
EP 04706791 A 20040130

Priority
• JP 2004000889 W 20040130
• JP 2003026167 A 20030203

Abstract (en)
There are provided a fuel injection control method and control apparatus enabling a proper amount of fuel injection in response to a required fuel injection quantity from the engine side. A coil current passed through a fuel injection solenoid is measured at one or more points at each of which respective predetermined time has elapsed since the start of driving of the solenoid, and based on a measured value of the coil current, timing for halting the driving of the solenoid is corrected and adjusted. Correction values are determined in advance based on a value of the coil current and required fuel injection quantity for the solenoid or corresponding to various combinations of the value of the coil current and the required fuel injection quantity for the solenoid, and the correction is performed using the correction value selected corresponding to one of the combinations. <IMAGE>

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F02D 41/20; F02M 51/02

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F02D 41/126 (2013.01 - EP); F02D 41/2422 (2013.01 - EP); F02D 2041/2006 (2013.01 - EP); F02D 2041/2051 (2013.01 - EP);
F02D 2041/2055 (2013.01 - EP); F02D 2041/2058 (2013.01 - EP); F02D 2041/2065 (2013.01 - EP)

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