

Title (en)
Combustion control apparatus for internal combustion engine

Title (de)
Vorrichtung zur Steuerung der Verbrennung in einer Brennkraftmaschine

Title (fr)
Appareil de commande de combustion pour moteur à combustion interne

Publication
EP 1479898 B1 20130403 (EN)

Application
EP 04011991 A 20040519

Priority
JP 2003145220 A 20030522

Abstract (en)
[origin: EP1479898A2] There is provided a combustion control apparatus which serves to enable the engine to perform stable combustion and provide better acceleration or deceleration performance. Specifically, a switching determination parameter for switching from low air fuel ratio combustion into high air fuel ratio combustion is made to be a required fuel injection amount (eqgov), which is an amount of fuel injected into the combustion chamber corresponding to an engine load required by a driver. A switching determination parameter for switching from the high air fuel ratio combustion into the low air fuel ratio combustion is made to be an actual fuel injection amount (eqfin), which is an amount of fuel injected into the combustion chamber upon each fuel injection.

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