

Title (en)  
Adapting method for the control of injection

Title (de)  
Adaptionsverfahren zur Steuerung der Einspritzung

Title (fr)  
Méthode d'adaptation pour la commande d' injection

Publication  
**EP 1132600 A3 20030319 (DE)**

Application  
**EP 01103435 A 20010214**

Priority  
DE 10011690 A 20000310

Abstract (en)  
[origin: EP1132600A2] An adaption method for controlling the injection of a multi- cylinder internal-combustion (IC) engine, which is operated phase-wise stoichiometric and lean, involves a first stage (a) of continuously controlling the injection for each cylinder in stoichiometric and/or homogenous-lean operating phases, so that each cylinder on average is operated with stoichiometric or the required homogenous-lean mixture, where a first correction factor is continuously determined and stored, for the basic injection values, and which restores or reproduces the deviation of the actual injection from the desired injection. In a second stage (b), in the stratified-lean operating phases, control of injection for each cylinder is carried out so that each cylinder generates a given torque or that the running smoothness of the engine is maximal. A correction of the basic injection values then follows, during which the first correction factor stored finally in stage (a) is used.

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CPC (source: EP KR)  
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Citation (search report)

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