

Title (en)
DIESEL ENGINE FUEL INJECTION AMOUNT CONTROL DEVICE

Title (de)
VORRICHTUNG ZUR STEUERUNG DER KRAFTSTOFFEINSPRITZUNG IN DIESELMOTOREN

Title (fr)
DISPOSITIF DE COMMANDE DE QUANTITE D INJECTION DE CARBURANT D UN MOTEUR DIESEL

Publication
EP 1870587 A1 20071226 (EN)

Application
EP 06731914 A 20060414

Priority
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Abstract (en)
A control computer (C) stores a map shown in Fig. 1(b). Curve h1 expresses a part of a map set in correspondence to a transient state, and curve h2 expresses a part of a map set in correspondence to a non-transient state. The map corresponding to an assembly of a lot of curves including curve h1 corresponds to a first injection amount upper limit value previously determined in correspondence to a first injection amount upper limit value information previously determined in correspondence to a value relevant to an amount of oxygen and the transient state. The map corresponding to an assembly of a lot of curves including curve h2 corresponds to a second injection amount upper limit value information previously determined in correspondence to the value relevant to the amount of the oxygen and the non-transient state. The control computer (C) specifies an injection amount upper limit value complying with the transient state and the non-transient state, by using these maps.

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