Title (en)
CONTROL METHOD FOR INTERNAL COMBUSTION ENGINE AND CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE

Title (de)
STEUERUNGSVORRICHTUNG FÜR VERBRENNUNGSMOTOR UND STEUERUNGSVERFAHREN FÜR VERBRENNUNGSMOTOR

Title (fr)
PROCÉDÉ DE COMMANDE DE MOTEUR À COMBUSTION INTERNE ET DISPOSITIF DE COMMANDE DE MOTEUR À COMBUSTION INTERNE

Publication
EP 3508712 B1 20200819 (EN)

Application
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Priority
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Abstract (en)
[origin: EP3508712A1] Upon shifting during execution of EGR, vehicle operating condition after shift is predicted at a timing at which fuel-cut condition is satisfied. When it is predicted that fuel efficiency of a case where fuel-cut is not performed is relatively improved, the fuel-cut is not going to be performed. On the other hand, when it is predicted that fuel efficiency of a case where the fuel-cut is performed is relatively improved, the fuel-cut is going to be performed. That is, upon shifting during execution of EGR, when it is predicted that fuel efficiency improving effect by EGR after shift is relatively large, the fuel-cut is not going to be performed, whereas when it is predicted that fuel efficiency improving effect by EGR after shift is relatively small, the fuel-cut is going to be performed. With this, fuel efficiency of vehicle can be relatively improved upon shifting during execution of EGR.

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