

Title (en)

METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE WITH VARIABLE VALVE CONTROL AND EXHAUST-GAS RECIRCULATION

Title (de)

VERFAHREN ZUM BETREIBEN EINER BRENNKRAFTMASCHINE MIT VARIABLER VENTILSTEUERUNG UND ABGASRÜCKFÜHRUNG

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UN MOTEUR À COMBUSTION INTERNE À COMMANDE DE SOUPAPES VARIABLE ET RECIRCULATION DES GAZ D'ÉCHAPPEMENT

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Abstract (en)

[origin: WO2014095234A1] The invention relates to a method for operating an internal combustion engine, in particular a diesel engine or Otto-cycle engine, in particular of a motor vehicle, having an external exhaust-gas recirculation (EGR) arrangement, wherein a closing time (50) of inlet valves of the internal combustion engine is varied. Here, the closing time (50) of the inlet valves is delayed to a time after a bottom dead centre of the intake stroke and the external exhaust-gas recirculation arrangement is regulated such that either an EGR mass or an EGR rate remains constant.

IPC 8 full level

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