

Title (en)

METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE HAVING AT LEAST ONE TURBOCHARGER, CONTROL DEVICE, EQUIPPED FOR IMPLEMENTING A METHOD OF THIS TYPE, INTERNAL COMBUSTION ENGINE HAVING A CONTROL DEVICE OF THIS TYPE AND MOTOR VEHICLE HAVING AN INTERNAL COMBUSTION ENGINE OF THIS TYPE

Title (de)

VERFAHREN ZUM BETREIBEN EINER BRENNKRAFTMASCHINE MIT WENIGSTENS EINEM TURBOLADER, STEUEREINRICHTUNG, EINGERICHTET ZUR DURCHFÜHRUNG EINES SOLCHEN VERFAHRENS, BRENNKRAFTMASCHINE MIT EINER SOLCHEN STEUEREINRICHTUNG, UND KRAFTFAHRZEUG MIT EINER SOLCHEN BRENNKRAFTMASCHINE

Title (fr)

PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN MOTEUR À COMBUSTION INTERNE MUNI D'AU MOINS UN TURBOCOMPRESSEUR, DISPOSITIF DE COMMANDE PERMETTANT LA MISE EN UVRE DUDIT PROCÉDÉ, MOTEUR À COMBUSTION INTERNE MUNI DUDIT DISPOSITIF DE COMMANDE, ET VÉHICULE AUTOMOBILE MUNI DUDIT MOTEUR À COMBUSTION INTERNE

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Application

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Abstract (en)

[origin: WO2016116265A1] A method for operating an internal combustion engine (3) having at least one turbocharger (9) is proposed, wherein - a fuel quantity is supplied to the combustion chamber of the internal combustion engine (3) in a stationary state, which fuel quantity is determined in accordance with a first predetermined relationship (31) between a load requirement to the internal combustion engine (3) and a rating determining a fuel quantity to be supplied to the combustion chamber (7), wherein - a second predetermined relationship (39) between the rating and the load requirement is used, wherein - according to the second relationship (39), a given load requirement is assigned a larger quantity of fuel than according to the first relationship (31), wherein - in a transient state of the internal combustion engine (3), the fuel quantity supplied to the combustion chamber (7) is determined on the basis of an interpolated value (BGint) of the rating, which is determined for the rating by means of an interpolation (41) between a value (BG1) resulting from the first relationship (31) and a value (BG2) resulting from the second relationship (39) .

IPC 8 full level

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CPC (source: EP US)

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See references of WO 2016116265A1

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