

Title (en)

METHOD FOR REDUCING THE TORQUE OF THE CORRECTIVE OSCILLATION-REDUCING FUNCTION IN CASE OF THE ACTIVATION OF AN IDLE-SPEED REGULATOR AND CORRESPONDING ENGINE COMPUTER

Title (de)

VERFAHREN ZUR REDUZIERUNG DES DREHMOMENTS DER SCHWINGUNGSDÄMPFUNGSKORREKTURFUNKTION IM FALL EINER AKTIVIERUNG DES LEERLAUFREGLERS UND ENTSPRECHENDES MOTORSTEUERGERÄT

Title (fr)

PROCEDE D'ATTENUATION D'UN COUPLE D'AGREMENT CURATIF EN CAS D'ACTIVATION D'UN REGULATEUR DE RALENTI ET CALCULATEUR MOTEUR CORRESPONDANT

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Application

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Abstract (en)

[origin: WO2015067874A1] The invention mainly relates to a method for controlling the torque of a heat engine provided with a first governor (4), referred to as idling speed control valve, capable of generating an idling torque (Cral) intended for maintaining a predetermined set idling speed (Wral) such as to prevent said heat engine from stalling, and a second governor (6), referred to as a curative smoothing governor, capable of compensating for an oscillation in the speed of the heat engine (Wm) by applying a corrective torque in phase opposition with the speed of the heat engine (Wm), characterised in that in the event of simultaneous activation of the idling speed control valve (4) and the curative smoothing governor (6), said method comprises the step of attenuating said corrective torque produced by said curative smoothing governor (6) without cancelling same unless there is a risk of the heat engine stalling. The invention also relates to the corresponding engine computer.

IPC 8 full level

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Citation (search report)

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