

Title (en)
CONTROLLER WITH A LEARNING CAPABILITY AND AUTOMATIC EXPLORATION FUNCTION OF AN OPERATING PARAMETER SPACE

Title (de)
LERNFÄHIGES STEUERGERÄT MIT SELBSTÄNDIGER EXPLORATION EINES BETRIEBSPARAMETERRAUMS

Title (fr)
DISPOSITIF DE COMMANDE AYANT UNE CAPACITÉ D'APPRENTISSAGE ET UNE FONCTION D'EXPLORATION AUTOMATIQUE D'UN ESPACE DE PARAMÈTRES DE FONCTIONNEMENT

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Application
EP 21810945 A 20211109

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Abstract (en)
[origin: WO2022101185A1] The invention relates to a motor controller (1) for an internal combustion engine (2) of a vehicle, comprising a control unit (3) for setting one or more control variables (4) on the basis of one or more measured variables (4) according to a stored control scheme; wherein the control unit (3) is designed to modify the stored control scheme when the control unit is used as intended with the operational internal combustion engine (2), which is being controlled by the motor controller (1), according to a specified learning algorithm, namely using at least one feedback parameter (6) which is associated with an optimization criterion and is provided to the control unit (3), in order to provide an improved control of the internal combustion engine (2).

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Citation (search report)
See references of WO 2022101185A1

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