

Title (en)

METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE HAVING AT LEAST ONE COMBUSTION CHAMBER AND INTERNAL COMBUSTION ENGINE FOR CARRYING OUT SUCH A METHOD

Title (de)

VERFAHREN ZUM BETREIBEN EINER BRENNKRAFTMASCHINE MIT WENIGSTENS EINEM BRENNRAUM UND BRENNKRAFTMASCHINE ZUR DURCHFÜHRUNG EINES SOLCHEN VERFAHRENS

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UN MOTEUR À COMBUSTION INTERNE DOTÉ D'AU MOINS UNE CHAMBRE DE COMBUSTION ET MOTEUR À COMBUSTION INTERNE POUR LA MISE EN UVRE D'UN TEL PROCÉDÉ

Publication

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Application

**EP 18807915 A 20181116**

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Abstract (en)

[origin: WO2019101650A1] The invention relates to a method for operating an internal combustion engine (1) having at least one combustion chamber (3), wherein a structure-borne sound signal is detected time-dependently for the at least one combustion chamber (3) during operation of the internal combustion engine (1). At least one evaluation parameter is determined from the detected structure-borne sound signal in a predetermined measuring window. The at least one evaluation parameter is compared with at least one predetermined comparative value from which at least one comparison result is obtained, and on the basis of the comparison result a knocking event in the combustion chamber (3) or an interference signal is associated with the structure-borne sound signal.

IPC 8 full level

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CPC (source: EP US)

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