

Title (en)
METHOD FOR CONTROLLING THE COMBUSTION OF A COMBUSTION ENGINE BY WAY OF AN IMMEDIATE LOAD REDUCTION METHOD

Title (de)
VERFAHREN ZUR STEUERUNG DER VERBRENNUNG IN EINEM VERBRENNUNGSMOTOR DURCH EIN UNMITTELBARES
LASTREDUKTIONSVERFAHREN

Title (fr)
PROCÉDÉ DE CONTRÔLE DE COMBUSTION D'UN MOTEUR THERMIQUE PAR UN PROCÉDÉ DE BAISSÉ DE CHARGE IMMÉDIATE

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Application
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Abstract (en)
[origin: WO2017144789A1] The invention relates mainly to a method for controlling the combustion of a combustion engine, characterized in that said method comprises: - a step of detecting abnormal combustion generating vibrations in a cylinder, known as "knocking", said vibrations having a frequency of between 600 Hz and 1200 Hz, - a step of calculating a load limitation depending notably, in a speed/load map, on an iso-probability curve (C1) of the occurrence of knocking following said detection, and - a step of applying said load limitation so as to cause said combustion engine to operate in the speed/load map at operating points minimizing the risk of knocking occurring.

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