

Title (en)

METHOD FOR PREVENTIVELY MANAGING ABNORMAL COMBUSTION IN A COMBUSTION ENGINE

Title (de)

VORRICHTUNG ZUR PRÄVENTIVEN HANDHABUNG VON ABNORMALER VERBRENNUNG IN EINER BRENNKRAFTMASCHINE

Title (fr)

PROCÉDÉ DE GESTION PRÉVENTIVE DE COMBUSTIONS ANORMALES DANS UN MOTEUR THERMIQUE

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Application

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Abstract (en)

[origin: WO2017144790A1] The invention primarily relates to a method for controlling the combustion in a combustion engine so as to protect same from abnormal combustion that causes vibrations in a cylinder referred to as "engine knocking", said vibrations having a frequency of between 600 Hz and 1200 Hz. The invention is characterized in that said method comprises a step of calculating a charge limitation (Lim ChE) of said combustion engine according to a level of fouling of a combustion chamber, said fouling being caused by oil rising in the combustion chamber, vaporizing, and auto-igniting, and a step of applying said charge limitation (Lim ChE) to the combustion engine.

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