

Title (en)
METHOD AND DEVICE FOR IDENTIFYING KNOCKING

Title (de)
VERFAHREN UND VORRICHTUNG ZUR KLOPFERKENNUNG

Title (fr)
PROCEDE ET DISPOSITIF DE DETECTION DE CLIQUETIS

Publication
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Application
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Abstract (en)
[origin: WO2004063694A1] The invention relates to a method and device for identifying knocking. To this end, a measurement signal of a knock sensor (2) is evaluated during a combustion inside a cylinder of an internal combustion engine in order to determine whether the combustion involves knocking or not. The measurement signal is subdivided into a number of windows (11, 12, 13), and each window (11, 12, 13) is examined in order to determine whether the combustion involved knocking or not. In order to make a definitive assessment of whether the combustion involved knocking or not, the results of the windows (11, 12, 13) are compared to one another.

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