

Title (en)

METHOD FOR CORRECTING A MEASURED CYLINDER PRESSURE OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN ZUR KORREKTUR EINES GEMESSENEN ZYLINDERDRUCKES EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE DE CORRECTION DE LA PRESSION MESUREE DANS LE CYLINDRE D'UN MOTEUR A COMBUSTION INTERNE

Publication

EP 1792154 A1 20070606 (DE)

Application

EP 05769867 A 20050711

Priority

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- DE 102004044339 A 20040909

Abstract (en)

[origin: WO2006027285A1] Disclosed is a method for correcting a measured cylinder pressure of an internal combustion engine in which a cylinder pressure sensor (16) is connected to a combustion chamber (4) via a duct (21). According to the inventive method, interference portions resulting from whistling vibrations are suppressed by determining a frequency of a gas column vibration generated in the duct (21) during a working stroke and filtering the measured values of the cylinder pressure sensor (16) at the previously determined oscillation frequency by means of a band elimination filter.

IPC 8 full level

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CPC (source: EP KR US)

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