

Title (en)

GAS SHUTTLE VALVE, AND METHOD FOR MEASURING THE PRESSURE IN THE COMBUSTION CHAMBER OF AN INTERNAL COMBUSTION CHAMBER

Title (de)

GASWECHSELVENTIL UND VERFAHREN ZUM MESSEN DES DRUCKES IN EINEM BRENNRAUM EINER BRENNKRAFTMASCHINE

Title (fr)

SOUPAPE DE GAZ A DEUX VOIES, ET METHODE DE MESURE DE LA PRESSION DANS LA CHAMBRE DE COMBUSTION D'UN MOTEUR A COMBUSTION INTERNE

Publication

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Application

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Abstract (en)

[origin: DE19705621A1] The head (81) of a gas shuttle valve presents on its front face a valve seat (84) which is designed preferably, at least partly, as a membrane (90) and which, owing to the pressure prevailing inside the combustion chamber (83), undergoes a deformation. This deformation can be transferred through a valve stem (82) to a position sensor, with the result that the pressure inside the combustion chamber can be measured (13).

IPC 1-7

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