

Title (en)

DEVICE FOR DIRECTLY MEASURING ON A PISTON THE EFFECTIVE VOLUMETRIC RATIO OF A VARIABLE COMPRESSION RATIO ENGINE

Title (de)

VORRICHTUNG ZUR DIREKT AM KOLBEN STATTFINDENDEN MESSUNG DER EFFEKTIVEN VOLUMETRISCHEN RATE EINES MOTORS MIT VARIABLEM KOMPRESSIONSVERHÄLTNIS

Title (fr)

DISPOSITIF PERMETTANT DE MESURER DIRECTEMENT SUR LE PISTON LE RAPPORT VOLUMÉTRIQUE EFFECTIF D'UN MOTEUR A TAUX DE COMPRESSION VARIABLE

Publication

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Application

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Abstract (en)

[origin: WO2008145837A1] The invention relates to a device for measuring the effective volumetric ratio of at least one cylinder in a variable compression-ratio engine, that comprises at least one target passage sensor (91) attached on the cylinder casing (100) and detecting the passage of at least one target (92) connected to the piston (2) of said engine, said target passage sensor interacting with at least one angular position sensor of the crankshaft (93) of said engine, and one calculator (94).

IPC 8 full level

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