

Title (en)
VARIABLE COMPRESSION RATIO (VCR) ENGINE

Title (de)
MOTOR MIT VARIABLEM VERDICHTUNGSVERHÄLTNIS (VCR)

Title (fr)
MOTEUR À TAUX DE COMPRESSION VARIABLE (VCR)

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Application
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Abstract (en)
The invention relates to a variable compression ratio (VCR) engine and a method for driving a variable compression ratio (VCR) engine. The variable compression ratio (VCR) engine (1), comprises at least one cylinder (2) with a piston (3) movably arranged within the cylinder (2), adapted to perform a predefined piston stroke within the cylinder (2), and a setting unit (4) for setting a preset compression ratio by setting a preset clearance position (11). The VCR-engine (1) further comprises a control unit (5) for setting at least one temporal clearance (15) position different from the preset clearance position (11) and for inducing at least one piston movement with the temporal clearance position (15).

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Citation (applicant)
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