

Title (en)

DEVICE FOR MODIFYING COMPRESSION RATE TO OPTIMIZE OPERATING CONDITIONS OF RECIPROCATING PISTON ENGINES

Title (de)

EINRICHTUNG ZUR VERÄNDERUNG DES VERDICHTUNGSVERHÄLTNISSES FÜR DIE BETRIEBSZUSTANDSOPTIMIERUNG EINER HUBKOLBENMASCHINE

Title (fr)

DISPOSITIF POUR MODIFIER LE TAUX DE COMPRESSION AFIN D'OPTIMISER LE FONCTIONNEMENT DES MOTEURS A PISTONS ALTERNATIFS

Publication

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Application

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Abstract (en)

[origin: WO0140641A1] The invention concerns the modification of compression rate by using technological components similar to conventional components of engines. The turbines (26) and (81) mounted to operate in opposite direction drive a screw (32) and displace the pivot (29) which articulates the rod (35) integral with an eccentric (8a) located between the rod small end (6a) and the crankpin (5). The invention is particularly designed to increase power performance and reduce polluting waste in engines.

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