

Title (en)

A METHOD OF INCREASING THE PART LOAD EFFICIENCY OF THE COMBUSTION ENGINE

Title (de)

VERFAHREN ZUR ERHÖHUNG DES TEILLASWIRKUNGSGRADS DES VERBRENNUNGSMOTORS

Title (fr)

PROCEDE D'AUGMENTATION DU RENDEMENT DE LA CHARGE PARTIELLE D'UN MOTEUR A COMBUSTION INTERNE

Publication

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Application

EP 02751236 A 20020812

Priority

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Abstract (en)

[origin: WO03021103A1] The method of increasing the part load efficiency in the combustion engine, especially in the diesel engine, according to the enclosed patent application, is based on the fact that the temperature of the gas (mixture of gases, dispersion etc.), going into the cylinder, shall be increased at the part loads by trying to keep its pressure almost constant, so that it is possible to achieve in the cylinder almost, or fully the maximum allowed pressure and temperature. By doing so, the part load efficiency of the engine is the best possible and the level of the emissions is low.

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