

Title (en)

METHOD AND ARRANGEMENT FOR IMPROVING LOAD ACCEPTANCE OF PISTON ENGINE

Title (de)

VERFAHREN UND ANORDNUNG ZUR VERBESSERUNG DER LASTAUFNAHME EINES KOLBENMOTORS

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT D'AUGMENTER LA RESISTANCE A LA CHARGE D'UN MOTEUR A PISTON

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Application

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Abstract (en)

[origin: WO2006128974A1] A method of increasing load-bearing capacity of a piston engine (1) having a turbo compressor (2) when increasing the load. In the method, combustion air is introduced into the compressor (3), pressurized combustion air is introduced into a flow plenum (6) on the pressure side of the compressor (3), pressurized combustion air is introduced from the flow plenum (6) into the cylinders (10) of the engine (1) and fuel is combusted in the cylinders (10) With the combustion air. In the method, pressurized additional air is simultaneously introduced to both the compressor (3) and the flow plenum (6).

IPC 8 full level

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