

Title (en)

METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE, DEVICE, AND INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN ZUM BETREIBEN EINER BRENNKRAFTMASCHINE, EINRICHTUNG, BRENNKRAFTMASCHINE

Title (fr)

PROCÉDÉ SERVANT À FAIRE FONCTIONNER UNE MACHINE À COMBUSTION INTERNE, DISPOSITIF, MACHINE À COMBUSTION INTERNE

Publication

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Application

EP 18725464 A 20180515

Priority

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Abstract (en)

[origin: WO2018210817A1] The invention relates to a method for operating an internal combustion engine comprising a motor which has a crankshaft, wherein a charge air flow delivered to the motor is compressed by means of a compressor via a second rotational movement, and a power turbine for producing a first rotational movement is charged with an exhaust gas flow discharged from the motor. According to the invention the following steps are provided: in a first operational mode operating the internal combustion engine in four-stroke mode, and in a second operational mode operating the internal combustion engine in two-stroke mode. Furthermore, according to the invention the crankshaft can be driven by the power turbine via the first rotational movement, and the compressor can be driven by the crankshaft via the second rotational movement, wherein the second rotational movement for the compressor can be set differently from the first rotational movement of the power turbine.

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Citation (search report)

See references of WO 2018210817A1

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