

Title (en)

PISTON ENGINE AND ASSOCIATED OPERATING METHOD

Title (de)

KOLBENMOTOR UND ZUGEHÖRIGES BETRIEBSVERFAHREN

Title (fr)

MOTEUR À PISTONS ET PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER LEDIT MOTEUR

Publication

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Application

EP 14808501 A 20141129

Priority

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Abstract (en)

[origin: WO2015086121A1] The invention relates to a method for operating an internal combustion piston engine, preferably a spark-ignition engine. In said method, at least one intake valve (1, 2) per combustion chamber is closed prematurely or with a delay, and exhaust gas can be recirculated. A higher exhaust gas recirculation rate can be set when at least two intake valves (1, 2) are provided for each combustion chamber, said intake valves (1, 2) being opened with different maximum lifts (HmaxI, HmaxII) at least during exhaust gas recirculation.

IPC 8 full level

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Citation (search report)

See references of WO 2015086121A1

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