

Title (en)

METHOD FOR OPERATING A LARGE DIESEL ENGINE, USE OF THIS METHOD AND LARGE DIESEL ENGINE

Title (de)

VERFAHREN ZUM BETREIBEN EINES GROSSDIESELMOTORS, VERWENDUNG DIESSES VERFAHRENS SOWIE GROSSDIESELMOTOR

Title (fr)

PROCEDE DE FONCTIONNEMENT D'UN GROS MOTEUR DIESEL, UTILISATION D'UN TEL PROCEDE ET GROS MOTEUR DIESEL

Publication

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Application

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Priority

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Abstract (en)

[origin: KR20160136231A] The present invention provides a method of operating a large diesel engine. The large diesel engine can be operated in at least one gas mode where gas is introduced to a cylinder as fuel. While operating in the gas mode, a strong load change state is detected (13). Then the large diesel engine is operated in an excess mode comprising: a step of designating a desired value for a rotational speed of the engine or torque of the engine; a step (14) of determining an upper limit for an amount of gas available as fuel for each operation cycle of the large diesel engine; and a step (14) of determining an addition amount of liquid fuel introduced into a combustion space other than the gas, and determining the addition amount of the liquid fuel to determine the size of the addition amount to realize the desired value for the rotational speed. Also, the present invention provides a large diesel engine operated by the method.

IPC 8 full level

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