

Title (en)
Heating system for an internal combustion engine

Title (de)
Heizsystem für einen Verbrennungsmotor

Title (fr)
Système de chauffage pour moteur à combustion interne

Publication
EP 2426344 A1 20120307 (EN)

Application
EP 10175608 A 20100907

Priority
EP 10175608 A 20100907

Abstract (en)
The present disclosure refers to a device and method for operating an internal combustion engine. The internal combustion engine may be configured to be operated in an operation mode in which fuel of a specific type injected into at least one combustion chamber, and in a standby mode in which no fuel is burned in the at least one combustion chamber. The method may comprise the steps of circulating heated fuel during the standby mode of the internal combustion engine and circulating lube oil (35,40,50,60,70) during the standby mode of the internal combustion engine. Thermal energy may be transferred in a heat exchanger (25) from said circulating heated fuel (20,30) to said circulating lube oil (35,40,50,60,70), such that said lube oil is heated thereby during the standby mode of the internal combustion engine. Said circulating heated lube oil may be supplied to the at least one injector (15) for heating purposes during the standby mode of the internal combustion engine.

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CPC (source: EP KR)
F02M 53/00 (2013.01 - EP); **F02M 53/04** (2013.01 - EP KR); **F02M 63/0001** (2013.01 - EP KR)

Citation (applicant)
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