

Title (en)  
INTERNAL COMBUSTION ENGINE

Title (de)  
BRENNKRAFTMASCHINE

Title (fr)  
MOTEUR À COMBUSTION INTERNE

Publication  
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Application  
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Abstract (en)  
[origin: WO2014032863A1] The invention relates to an internal combustion engine (1), comprising a fresh gas line (2) and an exhaust gas line (3), wherein a heat exchanger (11) is installed in the exhaust gas line (3), which heat exchanger is a component of a fluid circuit (12), which has at least one expansion device (15) in addition to the heat exchanger (12), which expansion device contains a mechanical output device (17). According to the invention, an internal combustion engine (1) is provided that allows waste heat from the exhaust gas line (3) of the internal combustion engine (1) to be used for a hydraulic system. This is achieved in that the output device (17) is connected to a hydraulic pump (18), which is connected directly or indirectly to a working machine, which is connected to a drive shaft (8) of a motor vehicle, in which the internal combustion engine (1) is installed in order to drive said motor vehicle.

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