

Title (en)
INTERNAL COMBUSTION ENGINE

Title (de)
BRENNKRAFTMASCHINE

Title (fr)
MOTEUR À COMBUSTION INTERNE

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Application
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Abstract (en)
[origin: WO2016026545A1] The invention relates to an internal combustion engine (1), comprising at least one cylinder (2), with which at least one intake valve and at least one exhaust valve are associated, and comprising a water jacket (3) associated with the cylinder (2) for cooling a crankcase and a cylinder head of the internal combustion engine (1). According to the invention, in the crankcase, the water jacket (3) comprises a first crankcase flow chamber (8) and a second crankcase flow chamber (10), which each extend around the cylinder (2) in the circumferential direction, in the cylinder head, the water jacket (3) has a first cylinder head flow chamber (7) and a second cylinder head flow chamber (9), which each extend around the cylinder (2), wherein the first cylinder head flow chamber (7) is arranged between the cylinder (2) and the second cylinder head flow chamber (9) in the axial direction, and the first cylinder head flow chamber (7) has at least one fluid inlet (13) and is connected to the first crankcase flow chamber (8) by means of at least one first fluid line (15), wherein the first crankcase flow chamber (8) is connected by means of a second fluid line (16) to the second cylinder head flow chamber (9), which is connected to the second crankcase flow chamber (10) by means of a third fluid line (17), and wherein the second crankcase flow chamber (10) has at least one fluid outlet (18).

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