

Title (en)

STEAM ENGINE WITH ROTATING PISTON AND THE MANNER OF COOLING AND LUBRICATING THEREOF

Title (de)

DAMPFMASCHINE MIT DREHKOLBEN UND VORGEHENSWEISE ZUR KÜHLUNG UND SCHMIERUNG DAVON

Title (fr)

MOTEUR À VAPEUR ÉQUIPÉ DE PISTON ROTATIF ET SES MODE DE REFROIDISSEMENT ET DE LUBRIFICATION

Publication

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Application

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Abstract (en)

[origin: WO2009005480A1] The steam engine with rotating piston serving for conversion of steam energy to mechanical energy, composing of housing (2) with the internal profile of shortened epitrochoid shape, wherein at least one piston (3) is provided on the shaft (4). On the outside part of the housing (2), there are mounted intake valves (5) with intake manifold (7) and exhaust valves (6). Cooling and lubricating circuit (8) is conveyed into the interior of the housing (2), through which cooling and lubricating medium (89) flows identical to propelling medium (11) flowing through intake manifold (7). The controlling unit (9) connected with intake valves (5) and outlet valves (6) and is placed outside the housing (2).

IPC 8 full level

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