

Title (en)

ENGINE WORKING ACCORDING TO THE METHOD OF PULSATING COMBUSTION

Title (de)

NACH DEM VERFAHREN DER PULSIERENDEN VERBRENNUNG ARBEITENDE KRAFTMASCHINE

Title (fr)

MOTEUR FONCTIONNANT SELON LE PROCEDE DE LA COMBUSTION PULSATOIRE

Publication

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Application

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Priority

- DE 9702129 W 19970919
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Abstract (en)

[origin: DE19640191A1] The engine relates to an engine that works according to the principle of pulsating combustion and a method of operation for an engine comprising a pressure resistant housing (10) with a combustion chamber (12) located therein, an intake device (14) for fuel and combustion air, an exhaust device (22) connected to the combustion chamber (12) for exhaust gases arising from combustion. According to the invention a moveable piston (20) is placed in a cylinder (18) connected to the combustion chamber (12) and a spring resistance acts upon the piston (20) on the side opposite to the combustion chamber (12). This enables effective energy transmission of pressure waves arising from pulsating combustion to a mechanical moving element.

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