

Title (en)
EXTERNAL COMBUSTION ENGINE

Title (de)
EXTERNER VERBRENNUNGSMOTOR

Title (fr)
MOTEUR À COMBUSTION EXTERNE

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Application
EP 15704035 A 20150107

Priority

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Abstract (en)
[origin: WO2015110726A1] The invention concerns an external combustion engine comprising at least: a cylinder (3) having one closed end (3c); a piston (2) that is movable inside the cylinder, defining a chamber (6a, 6b, 6c) filled with a gaseous fluid; at least one heater (4) and at least one cooler (5a or 5b) acting on the chamber in the cylinder (3) such as to move the movable piston (2) between a first maximum expansion position of the chamber and a second maximum compression position of the chamber; and a mechanism slaving the translational movement of the piston (2), characterised in that the piston (2) consists of at least a base (10) sliding sealingly in the cylinder (3), a mover (11) sliding non-sealingly in the cylinder (3), and a drive shaft (12) driving the mover (11) by the base (10).

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