

Title (en)

Rotary thermal volumetric internal combustion engine (rotinmotor (rim))

Title (de)

Drehkolben-Brennkraftmaschine

Title (fr)

Moteur à combustion interne à piston rotatif

Publication

EP 1503035 A1 20050202 (EN)

Application

EP 03380184 A 20030728

Priority

EP 03380184 A 20030728

Abstract (en)

The present invention consists in a thermal internal combustion engine whose main pieces accomplish a flat rotation movement. <??>The basic pieces that characterize the engine and its operation are: <??>Stator.- Is the external casing of the engine. Stay fixes, the combustion is accomplished inside. It is the equivalent to the block of the engine in alternative engines. <??>Rotor.- Is a piece lodged inside the stator, that accomplishes a complete circular movement. Stay fixes and inside it is accomplished the combustion. It is the equivalent to the unit piston - connecting rod in alternative engines. <??>The rotation movement described by the rotor inside the stator permits to define variable volumes into stator lobes of equal form that the piston in the interior of the cylinder of a classic alternative motor of equal form that the piston in the interior of the cylinder of a classic alternative motor. <??>The applications are the same that the existing alternative thermal motors at present. <IMAGE>

IPC 1-7

F01C 1/10

IPC 8 full level

F01C 1/10 (2006.01)

CPC (source: EP)

F01C 1/104 (2013.01)

Citation (search report)

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