

Title (en)

INTERNAL COMBUSTION ENGINE EMPLOYING AN ORBITING PLANETARY GEARING SYSTEM

Title (de)

VERBRENNUNGSMOTOR MIT EINEM UMLAUFENDEN PLANETENGETRIEBESYSTEM

Title (fr)

SYSTÈME À ENGRENAGE PLANÉTAIRE EN ORBITE ET MOTEUR À COMBUSTION INTERNE L'EMPLOYANT

Publication

EP 2925966 A2 20151007 (EN)

Application

EP 13774565 A 20130925

Priority

- US 201261705490 P 20120925
- US 2013061682 W 20130925

Abstract (en)

[origin: CN105143605A] The innovation concerns an orbiting planetary gearing system and an internal-combustion engine employing the same. In aspects, the engine can comprise an engine housing having a first wall delimiting a first combustion chamber, a first primary member having a first piston and a second primary member having a second piston. The pistons can also delimit the first combustion chamber. The first wall defines at least a section of a toroid, and the pistons are guided along a curved path defined by the section of the toroid. The primary members can be coupled to an intermediate member. In various embodiments, the intermediate member can couple motion of the primary members to a crankshaft via an orbiting planetary gearing system.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2014052455A2

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BA ME

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