

Title (en)
Improved endothermic rotary piston engine

Title (de)
Rotationskolbenmotor

Title (fr)
Moteur à piston rotatif

Publication
EP 0740051 A2 19961030 (EN)

Application
EP 95114946 A 19950922

Priority
IT TO950335 A 19950428

Abstract (en)
Endothermic rotary piston engine, comprising a stator (1), two rotors (2, 3), a shaft (4) on which the two rotors (2, 3) are mounted. The stator (1) has two spaced, opposed, cylinder chambers (A, B) that are misaligned and joined in a single block. Each chamber (A, B) is equipped with a turret (13, 19), the turret (13) in A being equipped with a partition bulkhead (6), the turret (19) in B being equipped with a sealing skid (20), pushed towards the center by springs (21, 22) and offset with respect to A. The chambers (A) and (B) are connected by a "compression tunnel" (5). Offset between the turrets (13, 19) is affected by the tunnel (5) and by the center of rotation; an inlet pipe (26) and an exhaust pipe (36) complete the stator (1).
<IMAGE>

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IPC 8 full level
F01C 1/34 (2006.01); **F01C 11/00** (2006.01); **F02B 53/00** (2006.01)

CPC (source: EP)
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