

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>

IPC 1-7  
**F01C 1/34**; **F01C 11/00**

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

CPC (source: EP)  
**F01C 1/34** (2013.01); **F01C 11/002** (2013.01); **F02B 53/00** (2013.01)

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