

Title (en)
Gas engine with rotating blades.

Title (de)
Flügelzellenmotor.

Title (fr)
Moteur rotatif à palettes.

Publication
EP 0656461 A3 19950802 (EN)

Application
EP 94830548 A 19941124

Priority
IT NA930027 A 19931203

Abstract (en)
[origin: EP0656461A2] The invention consists in an internal combustion engine (or gas engine) shaped by an internal profiled static ring where run blades (or segments) driven by a central rotor connected by a slip fit. The lateral surfaces of the ring are connected to seal flanges where the driving shaft connected to the central rotor comes through. During rotation, the blades provide for volume variation necessary to absolve the strokes: i.e. inlet, compression, firing and exhaust. Figure 1 of the attached drawing shows how it works. The applications fields are all those where it is possible to employ a gas engine, for example: motor car, aero-engine, naval, agricultural industries, etc. <IMAGE>

IPC 1-7
F01C 1/344

IPC 8 full level
F01C 1/344 (2006.01)

CPC (source: EP)
F01C 1/3446 (2013.01)

Citation (search report)

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