

Title (en)
Continuous combustion rotating piston engine.

Title (de)
Drehkolbenmotor mit kontinuierlicher Verbrennung.

Title (fr)
Moteur à piston rotatif à combustion continue.

Publication
EP 0093822 A1 19831116 (DE)

Application
EP 82830106 A 19820422

Priority
EP 82830106 A 19820422

Abstract (en)
The continuous combustion piston engine has a number of cylinders arranged around a central drive shaft (1), with the cylinder axes inclinable to the shaft axis. Each cylinder has a piston which drives a separate crankshaft (10). Each crankshaft has a bevel pinion (8) which engages a bevel wheel (7) rigidly connected to a stationary housing (5). The cylinder and piston assembly rotates with the drive shaft at half the speed of the separate crankshafts. Cylinder ports (15) are aligned alternately with inlet (3) and exhaust ducts (16). The inlet duct communicates with the continuously operating combustion chamber.

Abstract (de)
Der Motor besteht aus einem sich um die Antriebswelle (1) drehenden Zylinderblock (4) und Kammern von veränderlichem Volumen (14), die von üblichen Mitteln wie Kolben, Pleuelstange, Kurbelwelle gebildet werden, wobei das Ganze in ein Gehäuse (5) und den Zylinderkopf (17) eingeschlossen ist. Der Verbrennungsvorgang bleibt nach erfolgter Zündung aufrechterhalten.

IPC 1-7
F02B 57/10; **F02B 75/02**

IPC 8 full level
F01B 3/00 (2006.01); **F02B 57/10** (2006.01); **F02B 75/02** (2006.01); **F02B 57/00** (2006.01)

CPC (source: EP)
F01B 3/0032 (2013.01); **F02B 57/10** (2013.01); **F02B 75/02** (2013.01); **F02B 57/00** (2013.01)

Citation (search report)
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• [Y] GB 191309525 A 19140212 - SOUTHALL JOSEPH
• [A] DE 2028888 A1 19711216
• [A] DE 698243 C 19401105 - HERMANN HAACKE
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Designated contracting state (EPC)
BE DE FR GB IT SE

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