

Title (en)
Internal-combustion engine with additional expansion.

Title (de)
Brennkraftmaschine mit weiterer Expansion.

Title (fr)
Moteur à combustion interne à détente prolongée.

Publication
EP 0006747 A1 19800109 (EN)

Application
EP 79301218 A 19790622

Priority
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Abstract (en)
The present invention relates to an internal combustion engine having at least one primary cylinder (A, B) operating on the Otto cycle and an associated secondary cylinder (C) which cylinders are operatively coupled to a common crankshaft (30); and wherein the secondary cylinder (C) is operatively coupled to the primary cylinder (A, B) such that exhaust gas from the primary cylinder (A, B) is exhausted into the secondary cylinder (C) where it expands, driving the piston of the secondary cylinder subsequently exhausts the exhaust gas to atmosphere.

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F02B 41/06 (2013.01); **F02B 1/04** (2013.01)

Citation (search report)

- DE 728109 C 19421120 - E H C W PAUL HEYLANDT DR ING
- FR 649467 A 19281222
- DE 316250 C
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- AU 465877 B2 19751009

Cited by
DE3109512A1; EP2107226A1; BE1017617A5; EP1995430A3; US8851025B2; WO8102039A1

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