

Title (en)

HIGH EFFICIENCY ALTERNATING ENDOTHERMIC ENGINE WITH A NEW THERMODYNAMIC CYCLE

Publication

EP 0048784 A3 19820929 (EN)

Application

EP 80830103 A 19801201

Priority

IT 4975180 A 19800926

Abstract (en)

[origin: EP0048784A2] Alternating endothermic engine with a new thermodynamic cycle in which the combustion chamber volume is kept constant for the period required for complete combustion of the operating fluid. In this way, higher maximum pressure is achieved for a pre-established and calculable period so as to obtain a more elevated tangential component and thus a higher engine torque for the same heat absorption and fuel consumption as in current engines. At the same time dangerous emissions are sharply reduced, while internal cooling is effected with reduced heat loss and energy savings.

IPC 1-7

F02B 75/02

IPC 8 full level

F02B 75/02 (2006.01); **F02B 75/40** (2006.01)

CPC (source: EP)

F02B 75/02 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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