

Title (en)
Stirling engine

Title (de)
Stirlingmaschine

Title (fr)
Moteur Stirling

Publication
EP 1126153 A3 20021023 (DE)

Application
EP 01890034 A 20010213

Priority
AT 2322000 A 20000216

Abstract (en)
[origin: EP1126153A2] The dual piston engine has a sealed cylinder (1) with a compression piston (7) on the cold cylinder side and an expansion piston (5) on the hot side. Each piston defines a chamber for the working gas between itself and the cylinder end, which is volume-adjusted by the piston stroke. Both chambers (11,12) are sealed against the chamber (16) between the pistons, which is used as a buffer chamber.

IPC 1-7
F02G 1/043

IPC 8 full level
F02G 1/043 (2006.01)

CPC (source: EP)
F02G 1/043 (2013.01); **F02G 2243/02** (2013.01); **F02G 2243/04** (2013.01); **F02G 2270/45** (2013.01)

Citation (search report)
• [X] DE 3508689 A1 19861016 - BOMIN SOLAR GMBH & CO KG [DE]
• [X] US 5335506 A 19940809 - BYOUNG-MOO LEE [KR]
• [X] GB 761122 A 19561114 - SHELL REFINING & MARKETING CO
• [X] PATENT ABSTRACTS OF JAPAN vol. 011, no. 111 (M - 578) 8 April 1987 (1987-04-08)

Cited by
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Designated contracting state (EPC)
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