

Title (en)
Thermal engine

Title (de)
Kraftwerk mit Wärmeauskopplung

Title (fr)
Moteur thermique

Publication
EP 2299097 A3 20121024 (DE)

Application
EP 10007462 A 20060127

Priority
• EP 06703820 A 20060127
• DE 102005003896 A 20050127
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Abstract (en)
[origin: EP2299097A2] The power source heat engine uses an enclosed working gas arranged between two temperature ranges and has three heat exchangers (1A-C) each with a single connection via a pipe (4A-C) to a working cylinder (2). Each heat exchanger is connected by a valve (5A-C) to the cylinder. The heat exchangers have hot and cold surrounding flows. The working cylinder can have a piston (3) operated by expansion and compression of the working gas.

IPC 8 full level
F02G 1/043 (2006.01); **F02G 1/055** (2006.01); **F02G 1/06** (2006.01)

CPC (source: EP US)
F02G 1/0435 (2013.01 - EP US); **F02G 1/055** (2013.01 - EP US); **F02G 1/06** (2013.01 - EP US); **F02G 2270/10** (2013.01 - EP US)

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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