

Title (en)
PISTON ENGINE

Title (de)
KOLBENMOTOR

Title (fr)
MOTEUR A PISTONS

Publication
EP 2004957 A4 20130522 (EN)

Application
EP 07747581 A 20070329

Priority
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Abstract (en)
[origin: WO2007117146A1] Piston engine, with a cylinder housing (11) with at least two cylinders (12, 13) each containing a piston (17, 18) with a piston rod (19, 20) which is linked to a rocker member (23). The rocker member is integrated with a crank mechanism (26) carried by a shaft (14) being journalled in the cylinder housing. The shaft is operating a valve (15) integrated in the cylinder housing (11). The rocker member (23) is annular and linked to the crank mechanism (26) over a connecting element (31). This piston engine can be provided as a steam motor and as a combustion motor or Stirling motor. It can also provide a pump or compressor.

IPC 8 full level
F01B 3/00 (2006.01); **F01L 7/02** (2006.01); **F02B 75/26** (2006.01); **F03C 1/06** (2006.01); **F04B 1/14** (2006.01)

CPC (source: EP)
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Citation (search report)
• [IY] US 2005005763 A1 20050113 - SANDERSON ROBERT A [US]
• [Y] US 5309871 A 19940510 - KADLICKO GEORGE [CA]
• [Y] GB 1594347 A 19810730 - HALFORD E A
• See references of WO 2007117146A1

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