

Title (en)
STIRLING ENGINE

Title (de)
STIRLINGMASCHINE

Title (fr)
MOTEUR STIRLING

Publication
EP 2255085 B1 20120222 (DE)

Application
EP 09722603 A 20090319

Priority
• EP 2009053237 W 20090319
• AT 4442008 A 20080320

Abstract (en)
[origin: US2011107757A1] The invention relates to a Stirling engine, including at least one cylinder in which two pistons are arranged which move counter to one another, with each piston being connected by means of a first connecting rod to an oscillating lever, and the oscillating lever is connected by means of a second connecting rod to the crankshaft, where the oscillating lever is connected in an articulated manner with its first end to the second connecting rod, it is pivotably mounted at its second end in the cylinder housing, and the first connecting rod is connected in an articulated manner between the first and second end.

IPC 8 full level
F02G 1/053 (2006.01); **F02G 1/044** (2006.01)

CPC (source: EP US)
F02G 1/044 (2013.01 - EP US); **F02G 1/053** (2013.01 - EP US); **F02G 2244/12** (2013.01 - EP US); **F02G 2270/45** (2013.01 - EP US); **F02G 2270/85** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2011107757 A1 20110512; AT 505764 A4 20090415; AT 505764 B1 20090415; AT E546629 T1 20120315; CA 2718800 A1 20090924; EP 2255085 A1 20101201; EP 2255085 B1 20120222; WO 2009115567 A1 20090924

DOCDB simple family (application)
US 93312409 A 20090319; AT 09722603 T 20090319; AT 4442008 A 20080320; CA 2718800 A 20090319; EP 09722603 A 20090319; EP 2009053237 W 20090319