

Title (en)

METHOD AND DEVICE FOR TRANSMITTING MECHANICAL ENERGY BETWEEN A STIRLING ENGINE AND A GENERATOR OR AN ELECTRIC MOTOR

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ÜBERSETZEN EINER MECHANISCHEN ENERGIE ZWISCHEN EINER STIRLINGMACHINE UND EINEM GENERATOR ODER EINEM ELEKTROMOTOR

Title (fr)

PROCEDE ET DISPOSITIF POUR TRANSMETTRE UNE ENERGIE MECANIQUE ENTRE UNE MACHINE STIRLING ET UN GENERATEUR OU UN MOTEUR ELECTRIQUE

Publication

EP 1165955 B1 20050810 (FR)

Application

EP 00912325 A 20000405

Priority

- EP 00912325 A 20000405
- CH 0000199 W 20000405
- EP 99810286 A 19990407

Abstract (en)

[origin: EP1043491A1] The method of power transmission from a Stirling engine has a drive piston (6) in a cylinder. The piston rod (6A) has a sect (AP) with a ratio to that of the piston which produces a total transmission to an output (11). A pneumatic resonator (18) is connected to the hot (Ve) and cold (Vc) chambers and adjusted so that the pressure wave is de-phased with respect to the transfe piston.

IPC 1-7

F02G 1/043

IPC 8 full level

F02G 1/043 (2006.01)

CPC (source: EP US)

F02G 1/043 (2013.01 - EP US); **F02G 1/0435** (2013.01 - EP US); **F02G 2243/40** (2013.01 - EP US); **F02G 2243/50** (2013.01 - EP US); **F02G 2243/52** (2013.01 - EP US); **F02G 2243/54** (2013.01 - EP US); **F02G 2270/45** (2013.01 - EP US); **F02G 2280/10** (2013.01 - EP US)

Cited by

WO2011123961A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1043491 A1 20001011; AT E301773 T1 20050815; DE 60021863 D1 20050915; DE 60021863 T2 20060524; EP 1165955 A1 20020102; EP 1165955 B1 20050810; US 2002096884 A1 20020725; US 6510689 B2 20030128; WO 0061936 A1 20001019

DOCDB simple family (application)

EP 99810286 A 19990407; AT 00912325 T 20000405; CH 0000199 W 20000405; DE 60021863 T 20000405; EP 00912325 A 20000405; US 97226301 A 20011005