

Title (en)

TWO-CYLINDER STIRLING ENGINE, MULTIPLE-CYLINDER STIRLING ENGINE AND ELECTRIC ENERGY GENERATION SYSTEM

Title (de)

DOPPELZYLINDER-STIRLING-MOTOR, MEHRZYLINDER-STIRLING-MOTOR SOWIE ELEKTROENERGIE-ERZEUGUNGSSYSTEM

Title (fr)

MOTEUR STIRLING À DOUBLE CYLINDRE, MOTEUR STIRLING À CYLINDRE MULTIPLE ET SYSTÈME DE GÉNÉRATION D'ÉNERGIE ÉLECTRIQUE

Publication

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Application

EP 15725538 A 20150513

Priority

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Abstract (en)

[origin: WO2015177035A1] The invention relates to a two-cylinder Stirling engine with a pair of opposite displacer cylinders (10A, 10B) which are mirror-symmetrical relative to a mirror plane perpendicular to a displacement axis (41), each of the displacer cylinders having a hot zone (12A, 2B) comprising a hot plate, a cold zone comprising a cold plate, and a displacer piston (11A, 1B) movable between these zones along the displacement axis (41), and wherein the displacer pistons of the pair of displacer cylinders are mechanically coupled to each other by a rigid piston rod (40) movable along the displacement axis (41) which forms the common axis (41) of displacement for the displacer pistons (11A, 11B) of the pair of displacer cylinders (figure 3). Fig 3 Noting to translate

IPC 8 full level

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CPC (source: EP)

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