

Title (en)
STIRLING ENGINE TYPE ENERGY GENERATING SYSTEM

Title (de)
STIRLINGMOTOR-ENERGIEERZEUGUNGSSYSTEM

Title (fr)
SYSTÈME DE GÉNÉRATION D'ÉNERGIE DU TYPE À MOTEUR STIRLING

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Application
EP 17763658 A 20170307

Priority
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Abstract (en)
[origin: WO2017155452A1] An energy generating system (1) comprising: a main piston system (V), comprising, a first cylinder (14) comprising a first reciprocable piston (15), wherein the first piston (15) divides the first cylinder (14) into a first (14a) and second (14b) variable space, wherein the first space (14a) comprises a first fluid medium (140) a first energy transfer device (30a), a first heat exchanging system (11), a second cylinder (24) comprising a reciprocable piston (25), wherein the second piston (25) divides the second cylinder (24) into a third (24a) and fourth (24b) variable space, wherein the third space (24a) comprises a second fluid medium (240), a second energy transfer device (30b), a second heat exchanging system (21) in fluid connection with the third space (24a), wherein the energy generating system (1) is adapted to synchronize heating of the first fluid medium (140) with cooling of the second fluid medium (240) whereby the first and second energy transfer devices (30a, 30b) transfer the kinetic energy from the reciprocating movement of the reciprocable pistons (15,25) to an energy generating device (30). The second and fourth spaces are fluidly interconnected so that mechanical resistance is minimized.

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