

Title (en)  
THERMODYNAMIC MACHINE WITH STIRLING CYCLE

Title (de)  
THERMODYNAMISCHE MASCHINE MIT STIRLINGKREISPROZESS

Title (fr)  
MACHINE THERMODYNAMIQUE À CYCLE DE STIRLING

Publication  
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Application  
**EP 10770852 A 20100921**

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Abstract (en)  
[origin: WO2011033243A1] The invention relates to a thermodynamic machine made up of at least one assembly of two elementary Stirling cycle machines (M1, M2) symmetrically formed in one or more cylindrical bodies with the same axis (57), each elementary machine including first and second compression/expansion chambers (55, 63), a regenerator (59) separating the first and second chambers and first and second outer walls (67, 51) intended for sealing the volume of the first and second chambers respectively, the regenerator and the first and second outer walls of one elementary machine being rigidly connected to the same elements of the other elementary machines.

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