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Summery

The invention deals with way of heat conversion to mechanical work through changes in operating fluid volume, pressure, and temperature where, at the first stage (1), the operating fluid is sucked in while the volume of this first stage (1) is being increased, then - while the volume of this first stage (1) is being reduced - the fluid is moved into the second stage while the volume of this second stage (2) is being increased, then - while the volume of this second stage (2) is being reduced - the fluid is moved via the third stage (3), with the heat being concurrently supplied, into the fourth stage (4), then the operating medium is moved from the fourth stage (4) to the fifth stage (5) while its volume is being reduced and left to expand there in this fifth stage (5) while the volume of this fifth stage is being increased. According to the invention-based process a 5-stroke cyclic thermodynamic process will be accomplished in this way. Further the equipment for realization of this process is included in the scope of this invention.



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