

HEAT EXCHANGER (COLD/HEAT DISCHARGE) WITH INNER FLUID TO ACTUATE THE EXTERNAL FLUID PUMP

ABSTRACT

5 The present invention provides a heat exchanger with inner fluid to
actuate the external fluid pump capable of driving one or more than one of
fluid actuation devices through fluids passing through the heat exchanger
having thermal-energy fluid pipe, without utilizing external mechanical
rotational kinetic energy or power of electric motors; respectively driving
10 external fluid pumping blade devices installed at lateral sides of the heat
exchanger having thermal-energy fluid pipe with a direct or non-contact
transmission means, so as to drive the external fluid to pass through the
heat exchanger for increasing the heat exchange efficiency of the heat
exchanger.

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Figure 3