Title (en)

ENERGY TRANSFER SYSTEM BETWEEN A HOT SOURCE AND A COLD SOURCE

Title (de)

ENERGIEÜBERTRAGUNGSSYSTEM ZWISCHEN EINER WÄRMEQUELLE UND EINER KÄLTEQUELLE

Title (fr)

SYSTEME DE TRANSFERT D'ENERGIE ENTRE UNE SOURCE CHAUDE ET UNE SOURCE FROIDE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9604517A1] A hot source (A) contains one assembly comprised of at least one capillary evaporator (1A) and at least one condenser (2B) having condensation surfaces with a large curvature radius, and a cold source (B) containing an assembly of the same nature (1B, 2B). The condensers are interconnected by means of a steam conduit (3) and the capillary evaporators are interconnected by means of a liquid conduit (4) so as to form a closed circuit wherein circulates a metered fluid amount so that the complete evaporation takes place in the "hot" evaporators and the complete condensation takes place in the "cold" condensers, the other elements being then inactive. The system is reversible and, consequently, interesting gains of weight and room can be achieved for a spatial utilisation.

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