

Title (en)
COOLING BOX

Title (de)
KASTENFÖRMIGE KÜHLVORRICHTUNG

Title (fr)
BOITE DE REFROIDISSEMENT

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Application
EP 03781003 A 20031222

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• JP 0316485 W 20031222
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Abstract (en)
In a cold stocker according to the present invention, a compartment-cooling heat exchanger is connected to a cold-side heat exchanger mounted to a cold section of a Stirling refrigerating engine so as to form a cold-side refrigerant circulation circuit. To a warm section of the Stirling refrigerating engine, a first warm-side heat exchanger and a second warm-side heat exchanger are mounted. A heat-dissipating heat exchanger is connected to the first warm-side heat exchanger so as to form a first warm-side refrigerant circulation circuit. To the second warm-side heat exchanger are connected a heat exchange portion for promoting evaporation in drainage and a heat exchange portion for preventing dew condensation on a cold stocker wall so as to form a second warm-side refrigerant circulation circuit.

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