

Title (en)

PASSIVE PHASE CHANGE COOLING DEVICE

Title (de)

KÜHLVORRICHTUNG MIT PASSIVEM PHASENWECHSEL

Title (fr)

DISPOSITIF DE REFROIDISSEMENT A DEPHASAGE PASSIF

Publication

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Application

EP 11730998 A 20110408

Priority

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Abstract (en)

[origin: WO2011124790A1] The invention relates to a cooling device including a cooling tube (2) containing a cycle gas; a pressure oscillator (7) that is connected to a first end of the cooling tube in order to generate pressure oscillation and movement of the cycle gas; and a means (9) for changing the phase of the pressure oscillation relative to the cycle gas movement, said phase change means being connected to a second end of the cooling tube (2). The device also includes a first sealable pressure transmission element (13) set up so as to separate the cycle gas from a fluid contained in the phase change means (9). The fluid and the cycle gas are of separate types.

IPC 8 full level

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CPC (source: EP US)

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