

Title (en)
SYSTEM FOR COOLING A CABINET

Title (de)
SYSTEM ZUM KÜHLEN EINES SCHRANKS

Title (fr)
SYSTÈME DE REFROIDISSEMENT DE MEUBLE

Publication
EP 3084320 A2 20161026 (EN)

Application
EP 14799448 A 20141117

Priority
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• EP 2014074769 W 20141117
• EP 14799448 A 20141117

Abstract (en)
[origin: WO2015071460A2] The present disclosure relates to a cooling system comprising an active magnetic regenerator having a cold side and a hot side, a hot side heat exchanger connected to the hot side of the magnetic regenerator, one or more cold side heat exchangers, and a cold store reservoir comprising a volume of heat transfer fluid and connected between said one or more cold side heat exchangers and the cold side of the magnetic regenerator, wherein the cooling system is configured to provide a first flow cycle of said heat transfer fluid between the cold store reservoir, the magnetic regenerator and the hot side heat exchanger adapted to transfer thermal energy from the cold store reservoir to the hot side heat exchanger, and at least a second flow cycle of said heat transfer fluid between the cold store reservoir and said one or more cold side heat exchangers adapted to transfer thermal energy from said one or more cold side heat exchangers to the cold store reservoir.

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