

Title (en)
A HEAT TRANSFER STRUCTURE

Title (de)
WÄRMETRANSFERSTRUKTUR

Title (fr)
STRUCTURE DE TRANSFERT DE CHALEUR

Publication
EP 3301391 A1 20180404 (EN)

Application
EP 16306250 A 20160928

Priority
EP 16306250 A 20160928

Abstract (en)
A heat transfer structure comprising a plurality of heat pipes, and a cooling chamber. Respective evaporator sections of each one of the heat pipes are configured to be thermally coupled to a respective heat source. Each heat pipe is configured to transfer heat from the respective evaporator section, to the cooling chamber, through its respective condenser section. A fluid is made to move into the cooling chamber through a fluid conduit which is then moved out of the cooling chamber to thereby transfer heat from the cooling chamber to a surrounding medium. In some embodiments, the heat transfer structure has a fluid mover to force the fluid cooling chamber move in and out of the cooling chamber. In some embodiments, the fluid mover is located inside the cooling chamber.

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Citation (search report)

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