

Title (en)  
HEAT PIPE CONTROLLED BY PRESSURE

Publication  
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Application  
**EP 86110933 A 19860807**

Priority  
LU 86046 A 19850819

Abstract (en)  
[origin: US4674562A] The invention relates to a pressure-controlled heat pipe, consisting of a closed recipient containing a heat carrying medium, with a heat source where the heat carrying medium vaporizes, and with a heat drain formed by a cooling zone, an inert gas being intended to be fed under controllable pressure into the recipient at the upper end of the cooling zone. According to the invention, a displacement body (11) extends downwards from the upper end of the cooling zone, this body carrying at least in its upper part deflection sheets (12), which divide the interspace between the displacement body and the cooled wall of the cooling area into a plurality of interconnected volumes.

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IPC 8 full level  
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**F28D 15/06** (2013.01 - EP US); **Y10S 165/133** (2013.01 - EP US)

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