

Title (en)
HEAT PIPE WITH A CAPILLARY STRUCTURE

Publication
EP 0217777 B1 19890802 (FR)

Application
EP 86870111 A 19860811

Priority
BE 215549 A 19850905

Abstract (en)
[origin: EP0217777A1] 1. A heat pipe comprising a heat exchange surface and at least a permeable partition forming a plurality of passages with the heat exchange surface, characterized by the or each partition (3, 4...) extending along a surface which joins said heat exchange surface (1) at regularly spaced intervals (A, B, C...) so as to form with said heat exchange surface a number of capillary passages (10, 20, 30...) having the joining lines (A, B, C...) as lateral ends, said capillary passages having acute angle corners (101, 102, 201...) along their lateral ends, and by the or each partition (3, 4...) being formed with openings (6) having a diameter or a width (d) at least substantially equal to the maximum height (E) of a capillary passage.

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F28D 15/02

IPC 8 full level
F28D 15/04 (2006.01)

CPC (source: EP)
F28D 15/046 (2013.01)

Cited by
EP1333237A3; DE4219781C1; EP0574678A1; US6843308B1

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