

Title (en)

HEAT PIPE WITH NANOTSTRUCTURED WICKING MATERIAL

Title (de)

WÄRMEROHR MIT NANOSTRUKTURIERTEM FÜHRUNGSMATERIAL

Title (fr)

TUYAU CALORIFIQUE AVEC MATÉRIAU DE MÈCHE NANOSTRUCTURÉ

Publication

EP 1996887 A2 20081203 (EN)

Application

EP 07840139 A 20070305

Priority

- US 2007063337 W 20070305
- US 77887306 P 20060303
- US 88839107 P 20070206

Abstract (en)

[origin: WO2008016725A2] A heat pipe with a nanostructured wick is disclosed, with the method of forming the nanostructured wick on a metal substrate. The wicking material is a pattern of metallic nanostructures in the form of bristles or nanowires attached to a substrate, where the bristles are substantially freestanding.

IPC 8 full level

F28D 15/04 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2008016725A2

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