

Title (en)

Internally enhanced tube with smaller groove top

Title (de)

Verbessertes Wärmerohr mit Rinnen mit kleinem Scheitelpunkt

Title (fr)

Tube amélioré avec rainures avec petits sommets

Publication

EP 1544563 A1 20050622 (EN)

Application

EP 04027134 A 20041115

Priority

US 73708303 A 20031216

Abstract (en)

The invention relates to an internally enhanced heat pipe with a groove opening size that is smaller than the size of the groove bottom. <IMAGE>

IPC 1-7

F28F 1/40; **F28D 15/04**

IPC 8 full level

F28D 15/02 (2006.01); **F28D 15/04** (2006.01); **F28F 1/40** (2006.01)

CPC (source: EP US)

F28D 15/046 (2013.01 - EP US); **F28F 1/40** (2013.01 - EP US)

Citation (search report)

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- [PX] FR 2850453 A1 20040730 - CIT ALCATEL [FR]
- [A] US 6298909 B1 20011009 - FUKATAMI TAKAO [JP], et al

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1544563 A1 20050622; **EP 1544563 B1 20070808**; AT E369535 T1 20070815; CN 1629594 A 20050622; DE 602004008020 D1 20070920; JP 2005180907 A 20050707; TW 200528676 A 20050901; US 2005126757 A1 20050616

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EP 04027134 A 20041115; AT 04027134 T 20041115; CN 200410081986 A 20041215; DE 602004008020 T 20041115; JP 2004364001 A 20041216; TW 93137126 A 20041202; US 73708303 A 20031216