Title (en)
HEAT SINK DEVICE

Title (de)
KÜHLKÖRPER-EINRICHTUNG

Title (fr)
DISSIPATEUR THERMIQUE

Publication
EP 2248406 A4 20121024 (EN)

Application
EP 08730843 A 20080227

Priority
US 2008055126 W 20080227

Abstract (en)
[origin: WO2009108192A1] A heat sink is provided. The heat sink contains a first vapor chamber section having a top surface and a bottom surface that is in thermal contact with a heat source, a second vapor chamber section that extends vertically from the top surface of the first vapor chamber section, and heat-dissipating fins that are attached to the second vapor chamber section. The first and second vapor sections are connected to each other forming a continuous vapor chamber space.

IPC 8 full level (invention and additional information)
H01L 23/427 (2006.01); **H01L 23/467** (2006.01)

CPC (invention and additional information)
H01L 23/427 (2013.01); **H01L 23/467** (2013.01); F28D 15/0233 (2013.01); F28D 15/0266 (2013.01); F28F 1/32 (2013.01); F28F 3/02 (2013.01); H01L 2924/0002 (2013.01)

Combination set (CPC)
H01L 2924/0002 + H01L 2924/00

Citation (search report)
- [X] US 2005225943 A1 20051013 - SHIH JUNG-SUNG [TW], et al
- [X] US 2006196640 A1 20060907 - SIU WING M [HK]
- [X] US 2005028965 A1 20050210 - CHEN CHING-CHIH [TW]
- [X] US 5216580 A 19930601 - DAVIDSON HOWARD L [US], et al

- See also references of WO 2009108192A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family
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