

Title (en)  
A HEAT TRANSFER DEVICE

Title (de)  
WÄRMETRANSFEREINRICHTUNG

Title (fr)  
DISPOSITIF DE TRANSFERT THERMIQUE

Publication  
**EP 2165361 A1 20100324 (EN)**

Application  
**EP 07835567 A 20071207**

Priority  
• SG 2007000419 W 20071207  
• SG 2007050529 A 20070706

Abstract (en)  
[origin: WO2009008836A1] A heat transfer device for maintaining a temperature of a device under test with heat generating capability at a prescribed temperature, the heat transfer device comprising an inlet flow-duct; an outlet flow-duct; a conductor block comprising a plurality of through-holes, the through-holes receiving a fluid from the inlet flow-duct and delivering the fluid to the outlet flow-duct; and inserts disposed in the respective through-holes for reducing a cross-sectional area of the respective through-holes to improve heat transfer efficiency.

IPC 8 full level  
**H01L 23/34** (2006.01); **F28F 7/02** (2006.01); **F28F 13/08** (2006.01); **H01L 23/46** (2006.01)

CPC (source: EP US)  
**H01L 23/34** (2013.01 - EP US); **H01L 23/46** (2013.01 - EP US); **H01L 2924/0002** (2013.01 - EP US)

Citation (search report)  
See references of WO 2009008836A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
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**SG 2007000419 W 20071207**; CN 200780053654 A 20071207; EP 07835567 A 20071207; JP 2010514704 A 20071207; SG 2007050529 A 20070706; TW 97120367 A 20080530; US 66746907 A 20071207