

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)
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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