

Title (en)

DEVICE FOR DISSIPATING HEAT FROM A HEAT SOURCE LOCATED IN A HOUSING

Title (de)

ANORDNUNG ZUR ABFÜHRUNG VON WÄRME EINER IN EINEM GEHÄUSE ANGEORDNETEN WÄRMEQUELLE

Title (fr)

DISPOSITIF SERVANT A DISSIPER LA CHALEUR PROVENANT D'UNE SOURCE DE CHALEUR PLACEE DANS UN BOITIER

Publication

EP 0968632 A2 20000105 (DE)

Application

EP 98919048 A 19980306

Priority

- DE 9800670 W 19980306
- DE 29704885 U 19970319

Abstract (en)

[origin: WO9842169A2] According to the invention, the device has a primary cooling element (K1) located inside a housing (G) and a secondary cooling element (K2) located outside the housing (G). The cooling elements are connected via a heat conduction element (P), in order to dissipate heat from the housing (G), said connection being heat-conductive and mechanically moveable. The inventive device for dissipating heat has the particular advantage of drastically reducing the risk of hairline cracks forming in the heat conduction element (P) as a result of vibrations, and could therefore be used effectively in an industrial environment.

IPC 1-7

H05K 7/20

IPC 8 full level

G06F 1/20 (2006.01); **H01L 23/427** (2006.01)

CPC (source: EP)

F28D 15/0275 (2013.01); **G06F 1/20** (2013.01); **H01L 23/427** (2013.01); **H01L 2924/0002** (2013.01)

Citation (search report)

See references of WO 9842169A2

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

DE 29704885 U1 19980430; EP 0968632 A2 20000105; WO 9842169 A2 19980924; WO 9842169 A3 19990225

DOCDB simple family (application)

DE 29704885 U 19970319; DE 9800670 W 19980306; EP 98919048 A 19980306