

Title (en)

METAL-CORED PRINTED CIRCUIT BOARD FOR INSERTION INTO THE CASING OF AN ELECTRONIC DEVICE

Title (de)

METALLKERNLEITERPLATTE ZUM EINSCHIEBEN IN DAS GEHÄUSE EINES ELEKTRONIKGERÄTES

Title (fr)

CARTE A CIRCUIT IMPRIME A NOYAU METALLIQUE A INSERER DANS LE BOITIER D'UN APPAREIL ELECTRONIQUE

Publication

EP 0722653 A1 19960724 (DE)

Application

EP 94928818 A 19940926

Priority

- DE 4334127 A 19931007
- EP 9403206 W 19940926

Abstract (en)

[origin: US5677514A] PCT No. PCT/EP94/03206 Sec. 371 Date Apr. 8, 1996 Sec. 102(e) Date Apr. 8, 1996 PCT Filed Sep. 26, 1994 PCT Pub. No. WO95/10172 PCT Pub. Date Apr. 13, 1995A PC board to be populated with electronic components, for insertion into the housing of an electronic device, has a core made of two metal plates connected together and spaced apart by reinforcing ribs, said plates being provided with a copper-invar layer and with a cover layer formed by several layers of polyimide film. To achieve high rigidity and good heat transfer, the metal plates are made of aluminum or an aluminum alloy and are fastened in the housings by means of gibs and cotters.

IPC 1-7

H05K 7/20; **H05K 1/02**

IPC 8 full level

H05K 1/05 (2006.01); **H05K 3/00** (2006.01); **H05K 7/14** (2006.01); **H05K 7/20** (2006.01); **H05K 1/00** (2006.01); **H05K 1/02** (2006.01); **H05K 1/14** (2006.01)

CPC (source: EP US)

H05K 1/056 (2013.01 - EP US); **H05K 3/0061** (2013.01 - EP US); **H05K 7/1404** (2013.01 - EP US); **H05K 7/20545** (2013.01 - EP US); **H05K 1/0272** (2013.01 - EP US); **H05K 1/0393** (2013.01 - EP US); **H05K 1/144** (2013.01 - EP US); **H05K 2201/0154** (2013.01 - EP US); **H05K 2201/068** (2013.01 - EP US)

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See references of WO 9510172A1

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