

Title (en)

Power resistor, with device for application under pressure on a heat sink

Title (de)

Leistungswiderstand mit Vorrichtung zur Aufbringung unter Druck auf einer Wärmesenke

Title (fr)

Composant résistif de puissance, avec dispositif d'application sous pression sur un dissipateur thermique

Publication

EP 0637826 B1 19971001 (FR)

Application

EP 94401739 A 19940728

Priority

FR 9309675 A 19930805

Abstract (en)

[origin: EP0637826A1] The power resistor includes an internal structure with a flat, thin resistive element. The element rests on a flat dielectric barrier on a heat sink. An isolated electronic box surrounds the structure, except where it contacts the dielectric barrier. The box has two external connections, each connected to an electrical resistance by a link inside the box. The links are part of the box's internal structure. A calibration voltage is applied to each resistive element and the dielectric barrier. The applied voltage applier creates a stable charge to the internal structure for calibration.

IPC 1-7

H01C 1/084

IPC 8 full level

H01C 1/084 (2006.01)

CPC (source: EP)

H01C 1/084 (2013.01)

Cited by

EP0855722A1; FR2758409A1; WO2009041974A1; US7843309B2; US8319598B2

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DOCDB simple family (publication)

EP 0637826 A1 19950208; EP 0637826 B1 19971001; DE 69405944 D1 19971106; DE 69405944 T2 19980416; FR 2708782 A1 19950210; FR 2708782 B1 19951006

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