

Title (en)

High energy and/or power dissipation resistor and its method of manufacturing

Title (de)

Hoher energie- und/oder leistungsaflösender Widerstand und Herstellungsverfahren

Title (fr)

Résistance à forte dissipation de puissance et/ou d'énergie et son procédé de fabrication

Publication

**EP 0855722 B1 20021016 (FR)**

Application

**EP 97403046 A 19971215**

Priority

FR 9700207 A 19970110

Abstract (en)

[origin: EP0855722A1] A high power and/or energy dissipation resistor has one or more screen printed insulating layers (21-23) of dielectric material provided between a steel base plate (20) and a multilayer structure which includes a resistive material layer (24) and a conductive material layer (6). Preferably, the base plate (20) is a  $\geq 1$  mm thick plate of ferritic stainless steel containing  $\geq 17$  wt.% Ti and the insulating layer (21), in contact with the base plate (20), has a thermal expansion coefficient similar to that of the steel of the base plate (20).

IPC 1-7

**H01C 1/084**

IPC 8 full level

**H01C 1/084** (2006.01)

CPC (source: EP)

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Cited by

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DOCDB simple family (publication)

**EP 0855722 A1 19980729; EP 0855722 B1 20021016**; AT E226355 T1 20021115; DE 69716398 D1 20021121; DE 69716398 T2 20030306; FR 2758409 A1 19980717; FR 2758409 B1 19990402

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