

Title (en)
Film-type electrical resistor.

Title (de)
Elektrischer Schichtresistor.

Title (fr)
Résistance électrique à couche.

Publication
EP 0532223 A1 19930317 (EN)

Application
EP 92307990 A 19920903

Priority
US 75859691 A 19910912

Abstract (en)
A film-type electrical resistor (10), comprises a chip (11) formed of a substance that is electrically insulating and has substantial thermal conductivity, a resistive film (12) applied to one side of the chip (11), leads (14, 15) connected to the film (12) on the one side of the chip (11), and a molded body (13) substantially fully encapsulating the chip (11), the film (12), and the inner ends (43) of the leads (14, 15). The molded body (13) is formed of a high thermal-conductivity thermosetting synthetic resin, and the molded body (13) has a bolthole (16) therethrough for clamping of the resistor (10) to a chassis or heatsink (19). <IMAGE>

IPC 1-7
H01C 1/034; **H01C 1/084**

IPC 8 full level
H01C 1/034 (2006.01); **H01C 1/084** (2006.01); **H01C 1/14** (2006.01); **H01C 7/00** (2006.01)

CPC (source: EP)
H01C 1/034 (2013.01); **H01C 1/084** (2013.01)

Citation (search report)

- [Y] US 4064477 A 19771220 - THOMPSON EDWARD E
- [A] EP 0334473 A2 19890927 - CADDOCK RICHARD E
- [A] GB 2050705 A 19810107 - ANGSTROHM PRECISION INC
- [A] EP 0028994 A2 19810520 - RHONE POULENC SPEC CHIM [FR]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 10, no. 347 (E-457)21 November 1986 & JP-A-61 150 354 (TOSHIBA) 9 July 1986
- [A] PATENT ABSTRACTS OF JAPAN vol. 12, no. 493 (E-697)23 February 1987 & JP-A-63 205 935 (TOSHIBA)

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