

Title (en)

Resistance element with zig-zag current paths.

Title (de)

Widerstandselement mit mäanderförmig angeordneten Strompfaden.

Title (fr)

Élément de résistance avec des parcours de courant en méandres.

Publication

EP 0153425 A1 19850904 (DE)

Application

EP 84101939 A 19840223

Priority

EP 84101939 A 19840223

Abstract (en)

1. A resistance element with serpentine current paths having flat reversal portions located in one plane at each side, embedded in insulating strips having a U-shaped cross-section each surrounded by a retaining strip having a U-shaped cross-section, the reversal portions being protected from contacting opposed current paths by location-fixing means inside the insulating strips, characterised in that the reversal portions (4) and the ends (2) of the resistance element (1) exhibit at least one rigid lateral projection (5, 6) in the area of each insulating strip (7), and the projections (5, 6) are held in form-locking engagement with the insulating strips (7) by the clamping retaining strips (8).

Abstract (de)

Die Ränder der Widerstandselementenden (2) und die Umlenkstellen (4) haben seitliche, steif angeformte Vorsprünge (5, 6), die beim Umpressen der U-förmigen Isolierleiste (7) mit Verformungen (9, 10) auf den Innenseiten der U-förmigen klammernden Halteleiste (8) einen formschlüssigen Eingriff bilden, so daß die einzelnen Umlenkstellen (4) und die Enden (2) des Widerstandselementes (1) gegeneinander rüttelfest und dauerhaft lagefixiert in der Randbesäumung (7, 8) gehalten sind.

IPC 1-7

H01C 3/12

IPC 8 full level

H01C 3/12 (2006.01)

CPC (source: EP)

H01C 3/12 (2013.01)

Citation (search report)

- [Y] DE 1540438 A1 19700129 - SIEMENS AG
- [Y] GB 218400 A 19240710 - NOEL GEORGE LANGRISH, et al
- [AD] DE 949578 C 19560920 - SIEMENS AG
- [A] DE 939461 C 19560223 - SIEMENS AG
- [A] FR 903775 A 19451015 - CIE GENERALE DE TRAVAUX D ECLA

Designated contracting state (EPC)

AT CH DE FR GB LI

DOCDB simple family (publication)

EP 0153425 A1 19850904; EP 0153425 B1 19870819; AT E29086 T1 19870915; DE 3465539 D1 19870924; DE 8406442 U1 19840712

DOCDB simple family (application)

EP 84101939 A 19840223; AT 84101939 T 19840223; DE 3465539 T 19840223; DE 8406442 U 19840301