

Title (en)
FUSE CONDUCTOR, FUSE PROTECTION, METHOD FOR PRODUCING FUSE PROTECTION, SMD FUSE PROTECTION AND SMD SWITCH

Title (de)
SCHMELZLEITER, SCHMELZSICHERUNG, VERFAHREN ZUM HERSTELLEN EINER SCHMELZSICHERUNG, SMD-SICHERUNG UND SMD-SCHALTUNG

Title (fr)
CONDUCTEUR FUSIBLE, COUPE-CIRCUIT A FUSIBLE, PROCÉDÉ DE FABRICATION D'UN COUPE-CIRCUIT A FUSIBLE, D'UN FUSIBLE A SMD ET D'UN COMUTATEUR A SMD

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Application
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Abstract (en)
[origin: WO2015096853A1] The invention relates to a fuse element (12_1; 12_2), comprising two connecting contacts (24_1', 24_1"; 24_2', 24_2") and an interposed conductive track (26_1; 26_2), wherein the conductive track (26_1; 26_2) has a reduced line-cross-section in relation to the connecting contacts (24_1', 24_1"; 24_2', 24_2") at least in some sections, further comprising at least one overlay (16_1; 16_2', 16_2"), wherein the fuse element (12_1; 12_2) and the overlay (16_1; 16_2', 16_2") each comprise materials which undergo diffusion when a predetermined ambient temperature is exceeded and when an electric current is conducted by the fuse element (12_1; 12_2). The invention further relates to a fuse (10) having such a fuse element (12_1; 12_2) and a base support (14), wherein the fuse element (12_1; 12_2) is disposed on a surface of the base support (14).

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