

Title (en)
Resistor device with fuse function

Title (de)
Widerstandsanordnung mit Schmelzsicherung

Title (fr)
Dispositif de résistance comprenant un fusible

Publication
EP 1067564 A1 20010110 (EN)

Application
EP 00114282 A 20000704

Priority
IT UD990129 A 19990709

Abstract (en)
Resistor device with fuse function comprising at least a resistive element (14) able to have current pass through, said resistive element (14) being enclosed between at least two containing insulating elements (18, 17), in at least one segment of at least one of said containing elements (17, 18) there being a localised zone of discontinuity characterised by a coefficient of heat exchange less than the coefficient of heat exchange of the remaining part of said at least one containing element (17, 18), said localised zone of discontinuity being able to create along said resistive element (14) a defined preferential melting point when the circulating current exceeds a pre-determined threshold value. <IMAGE>

IPC 1-7
H01C 3/12; H01C 1/028; H01H 85/48; B60H 1/00; H01H 85/46

IPC 8 full level
H01C 1/028 (2006.01); **H01C 3/12** (2006.01); **H01H 85/048** (2006.01); H01H 85/00 (2006.01)

CPC (source: EP)
H01C 1/028 (2013.01); **H01C 3/12** (2013.01); **H01H 85/048** (2013.01); H01H 85/0056 (2013.01); H01H 85/0069 (2013.01)

Citation (search report)

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