

Title (en)

A security system and a signal-carrying member therefor.

Title (de)

Sicherheitssystem und ein signaltragendes Glied dafür.

Title (fr)

Système de sécurité et un membre portant un signal à cet effet.

Publication

EP 0317101 B1 19931201 (EN)

Application

EP 88310110 A 19881027

Priority

GB 8727092 A 19871119

Abstract (en)

[origin: EP0317101A2] A security system comprises a signal-carrying member and a detector for detecting a change in the resistance of a conductive path surrounding a core of the signal-carrying member. The conductive path comprises inner and outer layers (11,13) of semi-conductive tape separated by an insulating layer (12) but interconnected at one end. The semi-conductive tape of at least the outer layer is made of fibrous material such as carbon-loaded PTFE such that when a sharp object pierces the outer layer (13) and the insulating layer (12), semi-conductive fibres are dragged from the outer layer into contact with the inner layer (11) and form a conductive bridge between the layers.

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H01B 7/32; **G01R 31/02**

IPC 8 full level

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CPC (source: EP)

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Cited by

EP2299454A1; EP1237163A3; EP0398594A3; EP0715283A1; FR2947665A1; EP0524003A1; US5438474A; US7479710B2; WO0005797A1

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