

Title (en)

Pyrotechnical cutter fuse and method of manufacturing such a fuse

Title (de)

Pyrotechnische Schneidschnur und Herstellungsverfahren einer solchen Schnur

Title (fr)

Cordeau de découpe pyrotechnique et procédé de fabrication d'un tel cordeau

Publication

**EP 2075525 B1 20110907 (FR)**

Application

**EP 08291238 A 20081224**

Priority

FR 0709085 A 20071226

Abstract (en)

[origin: EP2075525A1] The pyrotechnic cutting cord (1) useful in military aircrafts and launchers, comprises an explosive material (5) disposed in a casing (2), and a metallic profile that forms a coating of the cut and is applied against the explosive material. The casing comprises two distinct parts assembled one after the other. The two distinct parts include a thin rear part or a covering (2a), and a thick front part (2b). The front part comprises two lateral wings (3a, 3b) forming a support for the covering and connected by a median zone that forms the coating of the cut. The pyrotechnic cutting cord (1) useful in military aircrafts and launchers, comprises an explosive material (5) disposed in a casing (2), and a metallic profile that forms a coating of the cut and is applied against the explosive material. The casing comprises two distinct parts assembled one after the other. The two distinct parts include a thin rear part or a covering (2a), and a thick front part (2b). The front part comprises two lateral wings (3a, 3b) forming a support for the covering and connected by a median zone that forms the coating of the cut, and is constituted by the metallic profile. The covering has a constant thickness, and is made of plastic or a composite material. The explosive material is applied in the form of a narrow sheet on the median zone of the front part. The narrow sheet is maintained in a place by the covering. An independent claim is included for a process for the fabrication of a cutting cord.

IPC 8 full level

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CPC (source: EP)

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