

Title (en)

Electro-pyrotechnic initiator constructed around a printed circuit

Title (de)

Um eine gedruckte Leiterplatte ausgebildeter elektro-pyrotechnischen Anzünder

Title (fr)

Initiateur électro-pyrotechnique constitué autour d'un circuit imprimé complet

Publication

**EP 0863379 B1 20011219 (FR)**

Application

**EP 98400495 A 19980303**

Priority

FR 9702715 A 19970307

Abstract (en)

[origin: EP0863379A1] The initiator, connected to an electrical cable (3) with two conductor wires (13, 14), consists of a heat-sensitive charge which can be set off by a heating resistance (15), an electrical circuit connecting the resistance to the wires, and electromagnetic protection elements for the circuit. The heating resistance (15), electrical circuit and protection elements are integrated in a circuit of conducting strips (11, 12) which are welded to the conductor wires and formed on a printed circuit support (10) surrounded by the initiator. The heating resistance is in the form of a resistive strip with the heat-sensitive charge deposited on it, and the electromagnetic protection elements comprises at least one filtering coil or condenser on the circuit support, covered by a layer of insulating varnish or overmoulded insulation.

IPC 1-7

**F42B 3/188**

IPC 8 full level

**B60R 21/26** (2006.01); **F42B 3/12** (2006.01); **F42B 3/18** (2006.01); **F42B 3/188** (2006.01)

CPC (source: EP KR US)

**F42B 3/121** (2013.01 - EP KR US); **F42B 3/188** (2013.01 - EP KR US)

Cited by

EP0942256A1; WO9902937A1

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