

Title (en)
AN ELECTROPYROTECHNIC INITIATOR WITH HEAT DISSIPATION

Title (de)
ELEKTRO-PYROTECHNISCHER ZÜNDER MIT WÄRMEABFÜHRUNG

Title (fr)
INITIATEUR ELECTROPYROTECHNIQUE A DISSIPATION THERMIQUE

Publication
EP 1716385 B1 20100929 (EN)

Application
EP 05707343 A 20050209

Priority

- EP 2005001400 W 20050209
- FR 0401333 A 20040211

Abstract (en)
[origin: FR2866106A1] An initiator, comprising a pyrotechnic ignition charge (19), a resistive heating element (17) covered by the charge, fed with electricity by two electrodes and set on a support (16), incorporates a heat dissipator (31) between the heating element and support, and electrical insulators (32) that insulate the heating element from the dissipator and allow heat to be transmitted from one to the other. The heat dissipator can be of metal or ceramic, the metal selected from copper, aluminum and their alloys or oxides.

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F42B 3/12 (2006.01)

CPC (source: EP)
F42B 3/103 (2013.01); **F42B 3/124** (2013.01)

Cited by
DE102015014124A1; DE102014016923B3; WO2016078634A1; US10209041B2

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