

Title (en)
Ignition device for small pyrotechnic charges

Title (de)
Anzündvorrichtung für kleine Treibladungen

Title (fr)
Dispositif d'allumage pour microcharges pyrotechniques

Publication
EP 1275931 B1 20060705 (FR)

Application
EP 02291677 A 20020705

Priority
FR 0109376 A 20010713

Abstract (en)
[origin: EP1275931A1] The igniter is for a solid pyrotechnic micro charge (1) laid on a solid support (3) and covering a cavity in the support. It consists of a conductor track (2) in the form of a conducting fluid, such as ink, applied by serigraphy or an ink-jet method which is in contact with the charge alone. <??>The pyrotechnic charge is in the form of a nitrocellulose-based film and is ignited when a current is passed through the conductor track, generating gas to actuate a micro-pyromechanism such as a micro-valve or micro-pump.

IPC 8 full level
F42B 3/12 (2006.01); **F42C 19/12** (2006.01); **C06B 25/00** (2006.01); **C06C 5/06** (2006.01); **F42C 19/085** (2006.01)

CPC (source: EP US)
F42C 19/085 (2013.01 - EP US); **F42C 19/12** (2013.01 - EP US)

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

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