

Title (en)

Electrothermal ignition device for an ammunition cartridge and its manufacturing process

Title (de)

Elektrothermische Anzündvorrichtung und Verfahren zu ihrer Herstellung

Title (fr)

Dispositif d'allumage électrothermique pour cartouche de munition et son procédé de fabrication

Publication

EP 1148313 B1 20050810 (DE)

Application

EP 01105851 A 20010309

Priority

DE 10020019 A 20000422

Abstract (en)

[origin: EP1148313A2] An electrothermic ignition system for igniting a powder charge (4) consists of an electrically conducting wire (11) that extends at least part way through the charge, and an electrical source (3). The conducting wire has a coating consisting of a pyrotechnic material.

IPC 1-7

F42B 5/08

IPC 8 full level

C06B 33/08 (2006.01); **C06C 9/00** (2006.01); **F42B 5/08** (2006.01); **F42C 19/12** (2006.01)

CPC (source: EP US)

C06B 33/08 (2013.01 - EP US); **C06C 9/00** (2013.01 - EP US); **F42B 5/08** (2013.01 - EP US); **F42C 19/0811** (2013.01 - EP US); **F42C 19/0834** (2013.01 - EP US); **F42C 19/0838** (2013.01 - EP US); **F42C 19/12** (2013.01 - EP US)

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Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

EP 1148313 A2 20011024; **EP 1148313 A3 20040204**; **EP 1148313 B1 20050810**; DE 10020019 A1 20011025; DE 50107011 D1 20050915; IL 142594 A0 20020310; IL 142594 A 20070819; KR 20010098796 A 20011108; US 2002005136 A1 20020117; US 6578493 B2 20030617

DOCDB simple family (application)

EP 01105851 A 20010309; DE 10020019 A 20000422; DE 50107011 T 20010309; IL 14259401 A 20010415; KR 20010021582 A 20010421; US 83967401 A 20010423