

Title (en)  
Ammunition cartridge

Title (de)  
Patrone

Title (fr)  
Cartouche de munition

Publication  
**EP 1148314 B1 20060222 (DE)**

Application  
**EP 01105852 A 20010309**

Priority  
DE 10020020 A 20000422

Abstract (en)  
[origin: EP1148314A2] An electrothermally-ignited cartridge with a difficultly-ignitable main powder propellant charge (4) has tubes (14-16) of an optically transparent second charge running axially through charge (4) and surrounding electrically conductive wires (11-13). A cartridge (1) with electrothermal ignition has: (i) a casing (5) at least partly filled with a first powder propellant charge (4) and fitted with a base (6); (ii) a high-voltage electrode (9) is fitted to the base (6); (iii) an electrode (9) connected inside casing (5) to electrical conducting wires (11-13) running axially through the powder charge (4) to a contact (18) at the far end of casing (5); (iv) wires (11-13) running at least in part through tubes (14-16) consisting of a second powder charge; and (v) the second powder charge optically transparent.

IPC 8 full level  
**F42B 5/08** (2006.01)

CPC (source: EP US)  
**F42B 5/08** (2013.01 - EP US); **F42C 19/0834** (2013.01 - EP US)

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