

Title (en)

Firing system by electric arc for a caseless ammunition

Title (de)

Zündungssystem für hulsenlose Munition durch Verwendung eines Lichtbogens

Title (fr)

Système de mise à feu par arc électrique d'une munition sans douille

Publication

EP 0717256 B1 20000315 (FR)

Application

EP 95402531 A 19951113

Priority

FR 9414912 A 19941212

Abstract (en)

[origin: EP0717256A1] The system for firing small calibre ammunition (2) without a cartridge operates by discharge of an electric arc. This is activated near to the cap (4) of the ammunition, with a high tension being applied between two electrodes. The electrode (A) forming the anode is mounted on a support (S) fixed to the back of the chamber (5). This support ensures a seal for the combustion gases and the electrical insulation of the anode (A). The electrode forming the cathode is formed by a metal chamber (5a) within the weapon.

IPC 1-7

F41A 19/63

IPC 8 full level

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CPC (source: EP US)

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AT DE

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EP 0717256 A1 19960619; EP 0717256 B1 20000315; AT E190714 T1 20000415; DE 69515614 D1 20000420; DE 69515614 T2 20000706; FR 2728066 A1 19960614; FR 2728066 B1 19970124; US 5608982 A 19970311

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