

Title (en)

ASSEMBLY FOR ACCELERATING PROJECTILES BY MEANS OF AN ELECTRICALLY HEATED PLASMA

Publication

EP 0242500 B1 19900404 (DE)

Application

EP 87100186 A 19870109

Priority

DE 3613259 A 19860419

Abstract (en)

[origin: EP0242500A1] 1. Device for accelerating a projectile which is situated in a barrel closed at one end, by means of an electrically heated plasma, wherein two electrodes are provided for the production of the plasma, the first electrode being positioned coaxially in that part of the barrel which is on the breech side and the second electrode being constructed as a ring electrode, characterised by the fact that all parts (81, 82, 83) subject to significant wear, including the two electrodes (81, 82) are removable and replaceable, and that the parts (81, 82, 83) subject to significant wear, together with the projectile (80), are combined in a removable and replaceable cartridge (8) on the breech-side part (9) of the barrel (90), and that the two electrodes (82, 83) form, together with the projectile (80) a gap-shaped discharge chamber (88).

IPC 1-7

F41B 11/00

IPC 8 full level

F41B 6/00 (2006.01); **F41B 11/00** (2006.01)

CPC (source: EP)

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Cited by

CN113916050A; GB2260187B; FR2649193A1; GB2229799A; GB2229799B; GB2218495A; GB2218495B; US5115743A

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