

Title (en)

ARRANGEMENT CONSISTING OF A BREECH-BLOCK AND OF A PROJECTILE SURROUNDING THE PROPELLANT CHARGE AND THE PRIMING CHARGE

Title (de)

ANORDNUNG AUS EINEM VERSCHLUSS UND EINEM DIE TREIB- UND ZÜNDLADUNG UMSCHLIESSENDEN GESCHOSS

Title (fr)

DISPOSITIF COMPRENANT UN BLOC-CULASSE ET UN PROJECTILE ENTOURANT LA CHARGE PROPULSIVE ET LA CHARGE D'AMORÇAGE

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Application

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Priority

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Abstract (en)

[origin: CA2564690A1] The invention relates to an arrangement consisting of a breech-block (1, 45) and of a projectile (13), which surrounds the propellant charge and priming charge (19, 21) and which is lengthened at the rear by a powder holding space having an essentially circular cylindrical wall (17), which is made of projectile material or of projectile casing material, projects to the back (drawn-in edge (29)), is slightly drawn inward toward the central axis of the projectile, and when fired, is in close contact with the breech face (3) of the breech-block (1, 45). The invention is characterized in that the breech-block (1, 45) has an annular groove (5), which is relief cut with regard to the direction of fire and which is centered with regard to the axis of the bore. The rear drawn-in edge (29) of the projectile (13), during reloading, rests against the edge of said annular groove, and when the breech-block (1, 45) is completely closed, the edge (29), while deforming, is pressed into the annular groove in such a manner that when the breech-block (1, 45) is pulled back, the projectile (13), as long as it has not been fired beforehand, is extracted together therewith.

IPC 8 full level

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