

Title (en)
METHOD FOR ENSURING A PREDETERMINED MUZZLE VELOCITY OF AN ARTILLERY PROJECTILE AND PROJECTILES DESIGNED ACCORDING TO SAID METHOD

Title (de)
VERFAHREN ZUR GEWÄHRLEISTUNG EINER VORBESTIMMTEN MÜNDUNGSGESCHWINDIGKEIT EINES ARTILLERIEGESCHOSSES UND GEMÄSS DEM VERFAHREN AUSGEFÜHRTE GESCHOSSE

Title (fr)
PROCÉDÉ GARANTISSANT UNE VITESSE INIALE PRÉDÉTERMINÉE D'UN PROJECTILE D'ARTILLERIE ET PROJECTILES CONçUS SELON LEDIT PROCÉDÉ

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Application
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Abstract (en)
[origin: WO2007106009A1] The present invention relates to a method in firing artillery projectiles, such as various types of shells (1, 26) , from rifled barrels (5a, 5b) for preventing the degree of wear of the barrel from which the projectiles are fired from having a negative effect on the muzzle velocity of the projectiles. The invention also encompasses a number of artillery projectiles or shells (1, 26) designed according to said method, and a method of manufacturing these. The invention encompasses a number of different variants for solving the stated problem, the basic principle of all of these variants being to adjust the band positions of the shells to the degree of barrel wear, so that a perfect propellant gas obturation is at all times obtained between the band (9, 11-14, 19-21, 23 and 33) and the origin of the rifling in the barrel, regardless of the degree of barrel wear.

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