

Title (en)  
IGNITION SYSTEM FOR PROPELLING CHARGES WHICH FUNCTIONS ACCORDING TO THE INDUCTION PRINCIPLE

Title (de)  
ANZÜNDSYSTEM FÜR TREIBLADUNGEN, DAS NACH DEM INDUKTIONSPRINZIP ARBEITET

Title (fr)  
SYSTEME D'AMOR AGE POUR CHARGES PROPULSIVES, FONCTIONNANT PAR INDUCTION

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Application  
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Abstract (en)  
[origin: WO0046551A1] A disadvantage of propelling charge ignition systems which function according to the induction principle is that unwanted differential gas pressures can occur, especially in the lower temperature range. This can lead to uncontrolled increases in pressure and damage or even destroy the weapon system. Attempts to counteract this with reduced quantities of powder resulted in a significantly poorer performance of the ammunition in terms of the range and penetration power of the projectile, over the entire temperature range. According to the invention, the propelling charge bodies (1) therefore have a cartridge case (2) whose wall (6) supports at least one primary coil (7a, 7b, 7c).

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