

Title (en)  
SOFT STEEL PROJECTILE.

Title (de)  
GESCHOSSAUSWEICHSTAHL.

Title (fr)  
PROJECTILE EN ACIER DOUX.

Publication  
**EP 0647308 A1 19950412 (EN)**

Application  
**EP 93915073 A 19930623**

Priority  
• SE 9300563 W 19930623  
• SE 9201967 A 19920625

Abstract (en)  
[origin: WO9400730A1] Small arms projectile (1), intended primarily for use with rifle bores, produced from steel with a low carbon (C) content and preferably including tellurium (Te) to an amount of 0.02-0.04 % and lead (Pb) to an amount of 0.15-0.35 %, acting in combination to provide to the steel a high cutting capacity and a lubricant effect that is utilized to reduce the friction wear occurring as the projectile passes the bore. The projectile (1) comprises circumferentially applied grooves and lands (4) and in a specific embodiment a slanted shoulder (5) in the intermediate section between the torpedo section (2) and guide section (3), whereby a circular through hole with unrippled edges is punched through the target upon target shooting. The bullet comprises an anticorrosive coating, preferably electro-chemically applied.

IPC 1-7  
**F42B 12/72; F42B 7/10**

IPC 8 full level  
**F42B 12/72** (2006.01)

CPC (source: EP)  
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